

VOLTECH VISTA

QUARTERLY MAGAZINE OF VOLTECH GROUP



PLANTING OF
1250
SAPLINGS

VOMSPL awarded as
THE BEST
O&M SERVICE PROVIDER
2017-18

Pg. No. 55

BEAT
PLASTIC POLLUTION



WORLD
ENVIRONMENT
DAY



INDIA
2018

Pg. No. 47

April - June 2018
Volume - XXIV
Issue - 2018 / 2



VOLTECH
EXCELLENCE IN ENGINEERING PRODUCTS & SERVICES



**THE
FUTURE
WILL
EITHER
BE GREEN
OR NOT AT ALL**

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MD's Desk



It is my immense pleasure to present the April-June 2018 issue of Voltech Vista, against the backdrop of a splendid business season. Voltech is riding at the very crest of a wave of grand successes over the past quarter. The manufacturing units continue to bring in fresh orders and post impressive gains every passing day. IC-M1 and IC-M2 have noteworthy businesses received during last three months. Among the services divisions, IC-D1 received a prestigious order for an Electrical Turnaround project worth tens of millions. IC-D5, in the true pioneering spirit of Voltech, bagged a mega order from South East construction company Ltd. The achievement of VOMS is particularly noteworthy, even as it received its first ever direct order from NTPC for a project exceeding hundred million rupees. Voltech's days as a subcontractor are now a story of the past. VOMS also earned its moment in the national spotlight, when it was awarded the prize for the best O&M services.

This issue of Vista is guided in spirit by a very special cause. This quarter hosts the World Environment Day, which is a hallowed calendar date at Voltech, for it is a day which serves to remind mankind that there is just the smallest window of opportunity left for the human race to act to stop catastrophic climate change. The terrifying truth is that the consequences of environmental destruction are being felt far more acutely than what the scientific world had predicted or even anticipated. It is sadly very apparent in recent times that our weather patterns are becoming more unpredictable and extreme. Chennai is but the best example of that. But I toil firmly in the hope that we have a chance to stop this carnage, and reverse the damage.

In these contemporary times, billions of people are living in urban regions. This shift is also witnessed in India. Many of these people around the world live in chaotic, disorderly and increasingly degraded environments that are not systematically governed. I spend a great deal of my time travelling around the world and you will not believe how so many places in developing countries spring up in an ecosystem where there is no planning or deliberation. Their effects in crisis can be just terrifying. The 2015 rains in Chennai submerged entire residential areas which were built over natural marshlands. It pains me to even think of those traumatic few days when my beautiful city was entirely at the mercy of the wrath of nature.

Voltech has always striven to serve humanity and minister to Mother Nature in the best possible way. Its environmental commitments are the covenant agreement that hold it accountable to its vision and mission. Every year, the company utilizes internal audits to continually improve the environmental star rating of its products, while simultaneously labouring to reduce consumption within its services divisions. However, these efforts are not just confined within the system. Voltech is reaching out simultaneously to the larger community with its environmental initiatives and unique power solutions. It is indeed heartening to note that some of these efforts have borne fruit. This provides us with the impetus to continue to drive forward relentlessly.

It is with optimism that I end this letter, quoting the revered Mahatma Gandhi.

"The difference between what we do and what we are capable of doing would suffice to solve most of the world's problems."

Mr.M.Umapathi

It is heartening to be at the receiving end of warm accolades after the delightful reception of our last issue. Particularly, the Editorial team is most grateful to the CEO of VMCL, Mr. T. Hariraj for his continuous commendation and appreciation of our enterprise and activity. The Editorial Team expresses its indebtedness and gratitude for his vocal support during a company event, and his never-ending moral and spiritual encouragement in the pursuit for our quest for excellence. It is our desire to see this space make a profound difference to the vital mission of Voltech, and to see this magazine become a host for intellectual and cultural contributions across the entire company.

The HR of VEPL, Mr. E. Kumaresan has asked team Vista to articulate the principles of harmony which lies at the heart of how Voltech must respond to the immense challenges and dangers facing its community. It is perhaps unnecessary to disguise his incessant emphasis on intellectual and cultural exploration as a means of harmonious integration, and his determination to collectively discharge his employees' obligations as citizens of this great country in maintaining, preserving and advocating the Tamil culture's own special and distinctive traditions.

Humans are neighbours by Fate, partners by choice and friends because of the shared experience and deep affection that binds them. This issue focuses its attention once again on the environment. Especially the year 2018 is important, as India is the Host of the World Environment day, with the theme revolving around beating plastic pollution. Plastic accounts for over 90% of the Oceans' waste and threatens the very existence and survival of aquatic life. A study estimates that by 2025 there will be one ton of plastic for every three tonnes of fish in the sea. Plastic is now choking every waterbody on earth. It is some consolation that India is taking concrete steps to curb the use of single-use plastics by 2022. However, these measures may not be sufficient or adequate, as the burden of responsibility falls on the shoulders of each and every one of us.

As a society and civilization, humans are part of the Natural order and not isolated from it. It is crucial to comprehend that Nature operates within an organic framework of harmonious integration. True

Nature is an interconnected, interdependent function of creation with harmony existing between and amongst all things. By analogy, Voltech understands its strong connection with the oceans. Almost every major business operation of Voltech is within fair distance of a major water body. The co-existence with water and major water bodies is therefore essential for its survival.

As a manufacturer, Voltech is cognizant of the environmental impact of its production processes. Over the years, it has taken numerous steps to address potential and actual problems, but the task has not been without its fair share of challenges. The company is also exploring opportunities for recycling and reverse logistics to create a pathway for safe treatment and disposal of its products at the end of their lifecycle.

Voltech is also making plans for teaming up with NGOs and other agencies to create awareness camps on the hazards of plastic use. The objective of these programmes is to conceptualize radical and innovative methods to educate its employees and neighbouring communities on how to reduce plastic waste, and inform the public on the dangers of uncontrolled plastic use. The HR team is now drawing up plans for a long term community support enterprise, reaching out to schools and other educational institutions, to generate ideas as well as draw up a scheme for a didactic andragogy that can have greater penetration and reach, and which can be translated to influence appropriate audiences in the more than 21 countries which the company now calls home.

2018 is an important year for both India as well as Voltech. With the crisis of climate change upon mankind, protecting water bodies and the oceans has become a fight for existence. Voltech is at the very heart of this fight.

The editorial team ends this letter by congratulating the members and staff, especially the volunteers and the supporters of its CSR programme, for their unstinting commitment and unwavering dedication to make the world a better place.

Vistorial



Designer's Note



Pablo Picasso once famously said "Everything you can imagine is real". It is a sublime joy that I could colour the world around me in realms of glitz, gleam and gloss that shine, shimmer and sparkle. My design is a progeny of my imagination, I look for colours in everything around me, and the world that I inhabit. I work to create art that inspires and spreads joy, which at the same time holds deep meaning that can be unveiled in layers. I truly believe that it is the figurative portrayal of art that inspires the desire in each person to become better and greater versions of ourselves.

I discovered early on that I could communicate with colours and shapes in ways I couldn't ever do with words. Mere colour can speak to the soul in a thousand different ways. My design philosophy is based around two guiding principles- simplicity and elegance. Simplicity is closest to the human nature. I've also identified with simplicity in that it brings out the awareness of true beauty and the essence of our inner selves. Denotatively, my art is an occupying space in a mass of blankness, and it is an extension of the simplistic nature of my true inner self. Elegance however, is a glowing inner peace that enlightens like embers in a dark starry night. True elegance is the manifestation of an independent mind, unconstrained and unimpeded by the cares of this world. And there is but a strong umbilical ligature between simplicity and elegance. Simplicity, devoid of all frills, is the ultimate sophistication. And when simplicity is carried to the extreme, it becomes elegance. I recognize that elegance is also an expression of one's personality. This brings me to the conclusion that the lifeblood of art is a virtuous cycle that is closely coupled without any observable boundaries.

I was at the receiving end of a flowery compliment recently. A ravishing and utterly pulchritudinous woman told me that I create to embellish, design with flourish and engross with garnish. I was grateful for these words, and I replied that I am sojourning on a quest to perfection. What followed was the most stimulating conversations that made me realize that imperfection is a gift. In the quest for perfection, one loses perspective and objectivity. I ponder whether this may have been the case with Voltech Vista. My perfectionistic approach may have stifled the true creative spark that could ignite the world around me. I see that art is not simply what I see, but what I make others see.

So much of design is in its context. One realizes that a person's sense of meaning is relative to his or her existence, and must often be viewed through the prism of another to gain true perspective. The imperfection of art can be encapsulated in the randomness of this world. When I look at it in one way, my life is random and adrift, and I live through each moment not knowing that is in store for me the next. The motions of living are insensate, bordering on inane at times. But within this chaos, there is order. Within this order, I seek the apothegm. Design is the aphorism that diagnosticates this keystone of revelation. The result is an iridescent mellifluousness, bereft of all querulousness, antithetical of all slovenliness, devoid of all laquaciousness, illuminating an exhilarating tessellation of the finest legerdemain.

I leave the vivid imagery of this issue to colour your souls until I return in the next issue. I depart with this beautiful quote. **"In character, in manner, in style, in all the things, the supreme excellence is simplicity"**

Your friend in creation,

Mohammed Hafeez.V.H

Sr.Graphic Designer



Follow us @





IC-D1

INDEPENDENT COMPANY - DOMESTIC 1

Bagged New Orders

Northern Region

- Testing & Commissioning of Electrical equipment at Lucknow and Bachau through M/s. Siemens - Valued at **1.1MINR**
- Providing Testing and Commissioning services at Karba SV Power station from M/s. ABB India Ltd. to the value of **1.2MINR**
- Providing Testing and Commissioning services at 220kv GIS substation (JSWL) Dolvi, Maharashtra Project from M/s. Siemens to the value of **950,000 INR**

Southern Region

- Testing and Commissioning works for two numbers of 400kv quad bays and 8 numbers of metering bays at M/s. STPP, Jaipur from GET&D India for **613,000 INR**
- Supply and installation of Electrical items for ONGC Ahmedabad project and T&C at ICF Chennai from M/s. Tata Project to the value of **470,000 INR**
- Providing Testing and Commissioning services at Adani RRVPN-PPP, Rajasthan from M/s. ABB India for **1.1MINR**
- Order secured for Testing and Commissioning services at NTPC, Darlipali Project from M/s. Tata Project for **708,000 INR**
- Providing Testing services at Sinter Plant, JSPL - Angul, Tata LD Gas, Holde, Tata Jamadoba, AKSPL CPP Pack from M/s. ABB India limited to the value of **1.4 MINR**
- Testing and commissioning assistant for electrical works at Dolvi, Mumbai from L&T for **600,000 INR**

Western Region

- Third-party testing of Electrical equipment at NLC, Aruppukottai-Virudhunagar from M/s. Harsha Abakus Solar private limited to the value of **700,000 INR**
- Testing and Commissioning services at various sites, including Paradip from M/s. ABB for **275,000 INR**
- Providing Testing and Commissioning services at Rajkot, Nagda, and Palava from M/s. Siemens for **550,000 INR**
- Providing Testing and Commissioning services at Dalvi, Dwarka from M/s. ABB India Ltd. to the value of **526,000 INR**

Eastern Region

- Providing Testing and commissioning to Roing from M/s. GET&D India Ltd. for **1.4 MINR**
- Testing and commissioning services at Silchar, Misa, Makochung from M/s. ABB India for **1.3MINR**
- Testing and commissioning services at Balipara and Agartala from M/s. Sterling & Wilson P, Ltd. to the value of **1.5 MINR**
- Testing and commissioning services at Kalinganagar, Raigar from M/s. ABB India limited for **972,000 INR**

ATT

- We have received a prestigious order from M/s. Haldia Petrochemicals for Electrical Turnaround to the value of **23.2MINR**
- Supply and installation of 11 kv transformer from M/s. Saint Gobain for **210,000 INR**

Courtesy: www.freepix.com

IC-D1

INDEPENDENT COMPANY - DOMESTIC 1

Solar & Water

- Operation and Maintenance services at 132 kv/33kv solar plant at Secunderabad from M/s. BEELECTRIC for **3.9 MINR**
- Operation and Maintenance services at various solar plants of Amangal, Palakkad, Vizianagaram, MVGR from M/s. BOSCH Ltd to the value of **1.8 MINR**

ONG

- Received work order for testing and commissioning of Electrical System at HEML - Refinery Bhatinda from M/s. OIL for **773,000 INR**

HVDC

- Providing AC Testing services at Pugalur from M/s. ABB India Ltd for **2.5 MINR**
- Providing HVDC Testing and Commissioning services at Raighar from M/s. ABB India Ltd for **2.1 MINR**

Achievements

- **Unit #3, 660Mw Generator** has been successfully commissioned and switchyard has been charged. Generator synchronisation completed successfully at our **Malwa-2** site on 27/04/18.



- We received an appreciation award from M/s. TBEA, at Vadodara, Gujarat



Turnaround Project HALDIA



- We have successfully completed the Oil & Gas turnaround project at **Haldia Petrochemicals** within the stipulated time by overcoming all constraints. The success was made possible by an efficient and enthusiastic team of over **200 engineers**, technicians and TA specialists along with timely support from our management, accounts and HR Team.



- The Turnaround had planned for 30 days downtime at the plant, but we covered almost 70 numbers of different range transformers overhauling and around 120 HT panels and LT Switchgear servicing etc. On the 30th day, the complete system was energized and handed over to HPL without any issues.
- The successful completion of the project without any HSE issues resulted in increasing the stature and respect of our company in the market, and bolstered our team's confidence in handling all types of critical tasks.



HVDC gallery



IC-D2

INDEPENDENT COMPANY - DOMESTIC 2

Major Happenings

- We have bagged an order from Cairn India Limited, worth **5.5MINR**
- We have received a rate contract from Suryadev alloys worth **1.4MINR** for three years.
- We have received an order from: JIPL-Orisha for breaker service and relay testing worth **1.5MINR**.
- The IOCL-Paradip protection scheme checking has been successfully completed
- We have successfully completed the panel maintenance cum breaker service activities at JSW Salem worth **1 MINR**.
- Retrofitting work worth **2 MINR** has been completed for Suzlon.
- Our METICC business has commenced business with several new customers like Cairn, Rungta mines, Sterling & Wilson and Andra sugars.
- We announce that six senior protection engineers have been allocated to various ICs.
- We have procured relay test kits (2 nos. - CMC 356) for the SPD business developments
- We have procured pressure calibrator (Make: Crystal) and thermal temperature calibrator (Make: Ametek) for the MET Lab

IC-D3

INDEPENDENT COMPANY - DOMESTIC 3

Newly Appointed!



Mr. K. Senthil Kumar has been appointed as Business Unit Head, VEPL - IC-D3 with effect from 1st June 2018. He would be looking after the Business Development activities of CCTV, Verticals, He can be contacted via:

Email: k.senthilkumar@voltechgroup.com

Mobile: +91 9952 999 838

New Order

- We have received an order from Balaji Nagar Gram Panchayat, Jawahar Nagar, Secunderabad for the supply, installation, testing & commissioning of CCTV Surveillance system, and the project value is **590,000 INR**

Achievements:

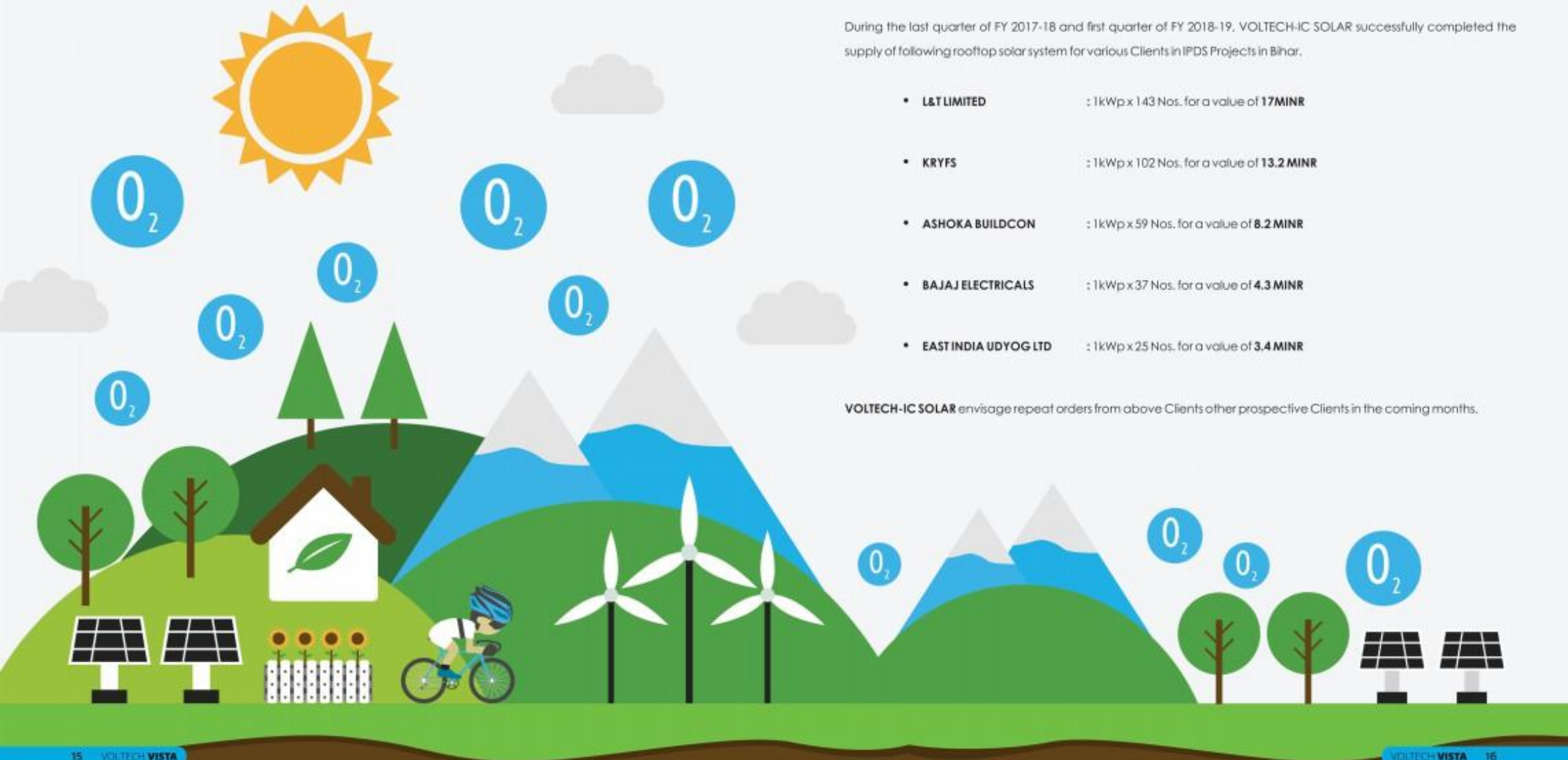
- We are glad to inform that we had successfully installed CCTV Surveillance system at Balaji Nagar Grama panchayat, Jawahar Nagar, Secunderabad and it was grandly inaugurated by Mr. Umamaheswara Sharma (Deputy Commissioner of Police Rachakonda), Mr. Krishna Murthy (Asst. Commissioner of Police Rachakonda) and Mr. Chalapathi (Circle Inspector of Police Jawahar nagar) along with our team Mr. P. Sarathprasath, Mr. P. Balamurugan and Mr. P. Vijaya Kumar.



CCTV Monitoring
Balaji Nagar Grama Panchayat, Secunderabad.

Sunshine!!!

The only true gold on Earth...



Major Orders

With the advanced manufacturing technology **VOLTECH-IC SOLAR** and a production capacity of **75MW per year** made it grow as one of the leading Solar Energy Companies capable of manufacturing different types of modules to cater to specific requirements of Clients.

During the last quarter of FY 2017-18 and first quarter of FY 2018-19, VOLTECH-IC SOLAR successfully completed the supply of following rooftop solar system for various Clients in IPDS Projects in Bihar.

- **L&T LIMITED** : 1kWp x 143 Nos. for a value of **17MINR**
- **KRYFS** : 1kWp x 102 Nos. for a value of **13.2 MINR**
- **ASHOKA BUILDCON** : 1kWp x 59 Nos. for a value of **8.2 MINR**
- **BAJAJ ELECTRICALS** : 1kWp x 37 Nos. for a value of **4.3 MINR**
- **EAST INDIA UDYOG LTD** : 1kWp x 25 Nos. for a value of **3.4 MINR**

VOLTECH-IC SOLAR envisage repeat orders from above Clients other prospective Clients in the coming months.



IC-IN1

INDEPENDENT COMPANY - INTERNATIONAL 1

Service

QATAR

- We have Successfully commissioned Phase 11 Golf-1(CP06) through M/S Siemens WLL.
- We have Successfully commissioned Phase 12 Ras Abu Fantos south substation through M/S Siemens LLC.
- We have Successfully commissioned Phase 12 Wakrah North through M/S Siemens LLC.
- We have Successfully commissioned Phase 12 Al Waab City Metro(AWCM) through M/S Siemens LLC.
- We have Successfully commissioned Phase 12 Al Thumama Central through M/S Siemens WLL.
- We have Successfully commissioned Phase 12 Wakrah South Commissioned on 10.06.2018 through M/S Siemens WLL.

KSA

- Order received from M/s. Doosan Heavy Industries & Construction Co. Ltd for testing and commissioning of Fadhili CHP Plant Project BOP
- Order received from M/s. ABB Contracting Co Ltd for testing of spare relays of various SEC projects.
- Order received from M/s. L&T Saudi Arabia LLC to depute Testing & Commissioning Engineer for their various projects
- Order received from M/s. Wahah Electric Supply Co of Saudi Arabia (Ltd) to depute Testing & Commissioning Engineer for their various projects.

gallery



Group photos of engineers in various international sites

Service

UAE

- We have received an Order from M/s. Siemens LLC to depute the approved engineer to 132/11kV Hassyancool site of DEWA network.
- We have received an Order from M/s. Petrofac International (U.A.E) LLC to depute Cable Terminators Technicians at Barwin3 project, Dry Docks world, Dubai
- We have received an Order from M/s. Emirates Technical Associates to depute Testing & Commissioning Engineer at 132/11kV Z16 Substation, Abu Dhabi.
- We have received an Order from M/s. ABB Industries LLC to depute Testing & Commissioning Engineer at 132/11kV Madinat Zyed (AADC) Project, Abu Dhabi.
- We have received an Order from M/s. Siemens LLC to depute the Testing & Commissioning Engineer to 132/11kV New Abu Dhabi Airport project, Abu Dhabi.
- We have received an Order from M/s. Siemens LLC to depute the approved Transformer engineer to 132/11kV MDNASEHA site at DEWA network.
- We have received an Order from M/s. Siemens LLC to depute the approved engineer to 132/11kV DDP site at DEWA network.
- We have received an Order from M/s. McDermott Arabia Company Ltd to depute the Relay Testing Engineer at H9 offshore Field KSA.
- Lumpsum Order received from M/s. Siemens LLC Testing & Commissioning of Deira Tower 132/11 Kv Dewa network sub stations at Dubai.
- Lumpsum Order received from M/s. Siemens LLC Testing & Commissioning of Merass 132/11 Kv Dewa network sub stations at Dubai.
- Order received from M/s. Audex Fujairah LL FZE to depute the Relay Testing Engineer at Fujairah
- Order received from M/s. Total Tractebel Emirates O&M Company to depute the Transformer specialist at Taweelah, Abu Dhabi.

OMAN

- Order received from M/s.RAY INTERNATIONAL COLLC for deputation of Engineer.
- Order received from M/s. SNCC for deputation of Engineer.
- Order received from M/s. Applus Velosi LLC for deputation of Engineer.
- Successfully completed Turn Around job in SMC for M/s. Aarkay
- Successfully commissioned 33kv substation at Uwaynat and DAS for M/s. Ray International Co LLC

KUWAIT

- Order received from M/s. Naser M. Al-Baddah & Partner General Trading & Contracting Company W.L.L for supply of Testing & Commissioning Engineer, Test Equipment to M/s. Lower Fars Heavy Oil Development Program Phase-01
- Order received from M/s. AL Ghanim International General Trading & Contracting Company W.L.L for supply of Various Technical Manpower.
- Order received from M/s. Al-Ahleia Switchgear Co. K.S.S.C. for Testing & Commissioning activities at Clean Fuel Project.

UGANDA

- Successfully completed AMC of Relay in M/s Kakira Sugar Ltd.
- Successfully commissioned 415V PCC panel for M/SSR AFRO Chicks and Breeders Ltd.

NIGERIA

- Successfully completed 33Kv, 11Kv and 415V Switchyard and Switchgear shutdown maintenance activities for M/s Crown Flour Mill-Olam Company
- Order received from M/s Indorama Petrochemical for carrying out Online PD test for Transformers and Cables.
- Successfully completed Testing & Commissioning of 11KV switchgears at Olam Port Harcourt Plant for M/s Petrosa Global
- Order received from M/s Crown flour mills - Olam Company for Installation, Testing & Commissioning of 4 No's of Schneider make UV/OV & Frequency protection relay.

MALAWI

- Successfully commissioned 66KV Fundis, Bangwe and Nkula substation project at Malawi.

Products

UAE

- Order received from M/s. Mitsubishi Hitachi Power Systems India Pvt Ltd for the supply of Electrical Items.

NIGERIA

- Order received from M/s. Sapele Power PLC for the supply of 2V, 600Ah Batteries.
- Order received from M/s. Alacrity Production Systems Ltd for the supply of VFD Panel.
- Order received from M/s. Cement Bond Nigeria Ltd for the supply of 630A Distribution Board.
- Order received from M/s. Alacrity Production Systems Ltd for the supply of Synchronizing Panels.



SENEGAL

- Order received from M/s Kaipataru Power Transmission LTD for 220kV Installation & Commissioning Activities in Ziguinchor & Kolda Substation Project Site.

TANZANIA

- Successfully commissioned 6GT and HRSG 2 blocks commissioning under process by our energetic team

KENYA

- Successfully completed the Erection & Commissioning of 66KV Substation and Panels which supplied to M/s. Abyssinia, Kenya.



66KV Substation and Panels

ZAMBIA

- Order received from M/s. Turnkey Investments Ltd for the supply of Flameproof Equipments.

International Business

IC-IN2

INDEPENDENT COMPANY - INTERNATIONAL 2

New Order

SINGAPORE

- Received Amendment Purchase Order from PT. ABB PTE LTD, Singapore for Installation Supervision, Testing and Commissioning Supervision of 150 KV GIS Substation in APR,Krinchi Project at Indonesia - Value of Order **USD 19,000/-**

Service

INDONESIA

- Order received from PT. Grid Solutions Indonesia for Testing and Commissioning of 500KV AIS Substation, Central Java Project at Indonesia - Value of Order **USD 73,000/-**
- Order received from PT. Siemens Indonesia for Testing and Commissioning of 500/33KV AIS Substation, Tolo Wind Farm Project at Indonesia - Value of Order **USD 65,000/-**

COMBODIA

- Order received from M/s, RMS Quality Pte Ltd ,Singapore for Boiler Manager Service of 150MW Sihanoukville CEL2 Coal Fired Power Plant at Cambodia -Value of Order **USD 22,200/-**
- Successfully Completed the As Built Drawing Preparation for 230KV Switchyard and MV System at Cambodia through M/s. Combodian Energy Limited, Cambodia

LAOS

- Order Received from M/s Andritz Hydro Private Limited for Soil Resistivity Testing of Powerhouse and Switchyard for Nam Kong 3 project site at Lao-Value of **USD 2,000/-**
- Successfully Completed the Testing and Commissioning of 230/500KV Nabong Project at Laos through M/s Taje Engineering Co.Ltd, Thailand
- Order received from M/s. SK Engineering & Construction ,Laos for Testing and Commissioning Service of 115kV/220kV/500kV Xe-Pian, Xe-Namnoy Hydro Power Plant Project at Laos -Value of Order **USD 81,000/-**

gallery



Group photos of engineers in various international sites

Vietnam

Courtesy : www.wildexpeditions.com

Products

MALAYSIA

- We have successfully supplied the 3.3kV Indoor Type Vacuum Contactor Panel to M/s. Mano Electrical, Malaysia.
- We have successfully supplied various numerical Relays to M/s. Shelorve Engineering & Trading, Malaysia.
- Order Received from M/s Tarpon Energy Services Asia Pacific Sdn Bhd for Testing of Electrical Equipment at Technimont Rapid P7 Package Project-Value of **USD 219,000/-**

MD's Trip to Indonesia



Our MD with PT Asia Pacific Team at Semarang, Indonesia



Our MD Site Visit to PT Asia Pacific Factory at Semarang, Indonesia



Our MD with M/s. Black & Veatch Team at Indonesia



Our MD Site Visit to PT Asia Pacific Factory at Kawarang, Indonesia



Transformers Division

Supply

- Received order from M/s. Sobha Limited for SPTL- Purva Palm Beach - ELEC STORE Project for 500KVA - 8 nos. worth **5 MINR**
- Received PO for supply of 8MVA generator duty transformer from M/s. Group Power Consulting Engineers, Mangalore for their project at Madagascar, Africa, worth **5 MINR**
- Received order from M/s. Larsen & Toubro Limited - Chennai for 250 MW Arinsun Clean Energy Solar Plant at REWA Madhya Pradesh Project worth **5.8 MINR**
- Received order from M/s. Larsen & Toubro Limited - Chennai Bhubaneswar- Mm - Planning Design Engineering Construction Fabrication project worth **6.4 MINR**
- Received order from M/s. Siemens Ltd - Hyderabad for 100KVA & 250KVA transformers worth **1 MINR**

Service

- Order received from M/s. Michelin India Pvt. Ltd. for "Servicing of 2MVA Transformer" worth **700,000 INR**
- Order received from M/s. Ranergy Solutions for "Servicing of 2.5MVA Transformer" worth **488,000 INR**
- First order received from M/s. GMR Expressways Private Limited for "Repairing/Reconditioning of 100KVA Transformers - 4 nos." worth **267,000 INR**
- Order received from M/s. St. Isabel Hospital for "Annual Maintenance Contract of 31.5kVA - 2 Nos" worth **176,000 INR**
- Order received from M/s. GKN Driveline (India) Ltd for "Servicing of VCB & ACB" worth **173,000 INR**
- Order received from M/s. Sterlite Technologies Limited for "Rewinding of 500KVA Transformer" worth **150,000 INR**
- Orders received from various customers for servicing of Transformers worth **700,000 INR**



Successfully completed inspection for 1250KVA Transformer - TATA PROJECT



Successfully completed inspection of 10MVA Power Transformer, CESU

Switchgear Division

Major Orders

M/s. Tamilnadu Generation and Distribution Corporation Limited, under the Udangudi Thermal Power Station project.

VMCL received an order from M/s. TANGEDCO for the supply, testing & commissioning of 12 nos. of 500KVA 11kv/433v mobile skid-mounted substation (compact substation) for the thermal power station under Udangudi project through M/s. BHEL, Chennai. Project valued at **17.9 MINR.**

M/s. Water Resources Department Miner Irrigation (Government of Karnataka).

IC-M2 received an order from M/s. Water Resources Department, Karnataka for the supply of 73 nos. of 2nd Generation VCB panels in Chikabalur and Anekal District through M/s. MEIL, Hyderabad. Project valued at **22 MINR.**

Type-Test

We are very pleased and extremely proud to announce that our R&D Team at the switchgear factory have developed a compact vacuum circuit breaker panel of rating MU Series 12 KV, 1250 A, 26.3 KA. Indoor 3 Pole VCB Panel and the following Type Test were conducted successfully at CPRI-Bhopal.



Basic short circuit test duty: T100s as per IEC 62271-100



Capacitor bank current switching test of test duties BC1 and BC2 as per IEC: 62271-100, 2012

Major Orders

ICM3 has bagged the following orders during April – June, 2018

Customer/Client	Description of Supply	P.O. Value (in Rs.)	PO Qty. in No's
Larsen & Toubro Ltd., Chennai	33kV Indoor C&R Panel for Transformer	₹ 5,39,496	6
TANGEDCO, Erode	Twin Feeder Breakers	₹ 9,37,510	14
TANGEDCO, Tirunelveli	Numerical 3OL+1EL Relay	₹ 2,94,823	38
Tangedco, Sivaganga	Numerical 3OL+1EL Relay	₹ 1,97,650	25
Tangedco, Ramanathapuram	Numerical 3OL+1EL Relay	₹ 1,91,750	25
Tangedco, Pudukottai	Numerical 3OL+1EL Relay	₹ 55,932	6
Steimec Limited, Thane	Various Type of Electromechanical Relays	₹ 1,52,574	96
VMCL Switchgear Division	Various Type of Relays	₹ 2,97,360	60

Major Orders

- We proudly claim that we are the one and only company in Tamilnadu which manufactured & supplied more than **1000 numbers of battery chargers** in the past 5 years. We thank each and every one in our management for their kind support.
- We successfully achieved an Invoicing of **18.5 MINR** in Q1, which is vastly greater when compared to previous year.
- We successfully executed 4 nos. of 220V 80/80A Dual Float Cum Boost Chargers of worth **2 MINR** to M/s. APGENCO, Vijaywada. (First direct order through E-Tender).
- IC-M4 have established a footprint in Kanpur through M/s. L&T, Chennai (through Uttar Pradesh JAL Nigam Water Carrier System Project)



220V 80/80A Dual Float Cum Boost Chargers



IC-M5

INDEPENDENT COMPANY - MANUFACTURING 5

Flameproof Equipment Division

Major Orders

- Order received from M/s. Precia Molen India Pvt. Ltd, for "Supply of FLP/WP Cable Glands, Junction Box & Exd Housing for Model I40 Indicator" worth **690,000 INR**
- Order received from M/s. Malladi Drugs & Pharmaceuticals Ltd, for "Supply of FLP/WP Electrical Equipment" worth **304,000 INR**
- First order received from M/s. TESCO Projects Limited for "Supply of FLP/WP Street Light Junction Box" worth **168,000 INR**
- Order received from M/s. Aurobindo Pharma Limited for "Supply of LED Well Glass Fitting" worth **117,000 INR**
- First order received from M/s. Voltech Engineers Pvt. Ltd – IC-IN1 for "Supply of Various FLP/WP Equipment" worth **64,000 INR**
- Orders received from various valuable customer groups for "Supply of Various FLP/WP Equipment" worth **1 MINR**



Performance Certificate from M/s. Precia Molen India Pvt. Ltd. for "Supply of Various FLP/WP Equipment".

Credentials

- We have received Performance Certificate from M/s. Precia Molen India Pvt. Ltd, for "Supply of Various FLP/WP Equipment".
- We have successfully completed the Vendor Registration with M/s. TESCO Projects Limited, Gujarat and received a purchase order.

APE

ASIA POWER ELECTRICAL LLP.

New Orders

- We have received an order from M/s. Nelcast Limited for repair & servicing of 5 MVA Transformer with a value of **700,000 INR**
- We have received an order from M/s. Michelin for repair & servicing of 2 MVA Transformer with a value of **560,000 INR**
- We have received an order from M/s. TNEB - Guindy for repair & servicing of 16MVA, 33/11KV, Indotech make Transformer with a value of **1.88 MINR**
- We have received an order from M/s. TNEB - Kulathur for repair & servicing of 8 MVA 33/11 KV, VEI Make Transformer with a value of **325,000 INR**



VOMS

VOLTECH O & M SERVICES PVT. LTD.

Achievements

- VOMSPL received "Golden Peacock Award In Occupational Health & Safety- 2018" at Hero futures Energies, Raflam- Madhya Pradesh.

Orders Received

- Contract order received from M/s. UPL- Dhabol. Value of the order is **3.7 MINR** for one year duration. Scope of work: Operation service activities at RGPPL.
- Contract order awarded by M/s. NPCIL- Kudankulam. Value of order **4 MINR** for one year duration. Scope of work: Maintenance of 380V MCCs and ACDBs at KKNPP.
- Contract order awarded by M/s. Tata Steel Limited. Value of order **80 MINR** for one year duration. Scope of work: "Maintenance of Electrical Equipment in Tata Steel Plant" at Kalinga Nagar.
- Contract order awarded by M/s. Bharat Aluminium Company Limited. Value of order **1.6 MINR** for 3 months duration. Scope of work: "Service of laying Total 3 nos. of HT cable from 540 MW PP to 1200 MW PP".
- Contract order awarded by M/s. Bharat Aluminium Company Limited. Value of order **2.4 MINR** for 3 months duration. Scope of work: "Services for actuator overhauling @1200 MW & 540 MW PP".
- VOMSPL bagged a major order from M/s. NTPC Lara STPP. Value of order **118.9 MINR** for three years duration. Scope of work: Long Term Maintenance of EMD and C&I of Stage - I (2X800 MW), for NTPC Lara STPP.



Contractors, Kuwait – We have conducted interviews at Delhi, Kolkata and Cochin for the positions of Runner, Busser, Chef De Parte, Commie I, Commie II, Commie III and Steward. More than 60 candidates were selected.

EMCO, Qatar – We have conducted interview at Chennai for the positions of Light Driver and Asset Encoder, and selected around 25 candidates.

Mechanical Engineering & Contracting Company, Kuwait – We have conducted interviews at Vizag and Ichappuram for the positions of Rigger, TIG & ARC Welder, Tack Welder, Grinder, Pipe Fabricator, Pipe Fitter and Helper. More than 100 candidates were selected.

Bahwan Engineering, Oman – We have conducted interview at Chennai for the positions of Elevator Technician – Installation, Elevator Technician – Commissioning and Technician, Foreman & Supervisor-Elevator Services.

Rukun Al Yaqeen International LLC (RAY), Oman – We have conducted interview at Chennai for the positions of Planning Engineer – Electrical, Civil Engineer and Lineman. More than 60 candidates were selected.

Al Hassan, Oman – We have conducted interview in Chennai and cochin for the positions of HSE Advisor and HSE Inspector, around 30 candidates selected

Salem Nisf General Trading, Kuwait – We have conducted interview at Cochin for more than 30 positions of HVAC Technician, Plumbing technician, Building Automation System Operator, Equipment Driver, etc.

Kuwait Resource House, Kuwait – We have conducted interview at Chennai, Around 45 people were selected for the positions of Laborer, Telecommunication Technician, Stock Clerk, Plumber, Mobile Fuel Truck Operator with KDL, HVAC Technician, Heavy Automobile Mechanic and Heavy Driver with KDL (Truck & Trailer).

EMCO, Qatar – We have conducted interview at Chennai for the positions of HVAC Technician, Electrical Technician and Instrument Technician.

Finesco, Kuwait – We have conducted interviews at Mumbai and Chennai and selected more than 30 candidates for the positions of Instrumentation

Technician, Instrument Mechanic, Instrumentation Supervisor, Instrumentation Engineer and Analyzer Technician.

Galfar, Oman – We have conducted interviews at Mumbai, Vizag and Chennai for more than 205 positions of Crew Leader-Piping, Fitter-Pipe, Fitter-Hydro Test, Crew Leader-Electrical, Electrician-Industrial, Permit Holder-Telecom(W), etc.

Real Estate Construction & Fabrication Co.(RECAFCO), Kuwait – We have conducted interviews at Chennai, Delhi, Bangalore and Mumbai for more than 25 positions of Precast Erection Rigger, Steel Mold Fabricator, Granty Crane Operator, Mechanic-Heavy Equipment Diesel, Supervisor Precast Production, etc. and selected around 330 candidates.

Oman National Engineering & Investment Co S.A.O.G, Oman – We have conducted interviews at Chennai for around 38 positions.

Galfar, Oman – We have conducted interview at Vizag. More than 35 candidates were selected for the positions of Block Mason and Tile Mason.

EMCO, Qatar – We have conducted interview at Chennai for the positions of HVAC Technician, Kitchen Equipment Technician, Appliance Technician and Light Driver.

Al Adrak Trading & Contracting LLC, Oman – We have conducted interview at Chennai for the positions of Mechanical Engineer, Electrical Engineer, Electrical Draughtsman, Structural Draughtsman and BIM Technician and selected around 23 candidates for their project.

Towell Engineering Group, Kuwait – We have conducted interviews at Chennai for more than 20 positions.

Jupiter Engineering, UAE – We have conducted interviews for Cable Jinter & Electrician

Abressive Technologies, KSA – We have conducted interviews for the positions of Technical Head and Manager for Quality system & Processes.

Anabeeb, KSA – We have conducted interviews for Senior Contracts Engineer, Estimator- Mechanical, Estimator- maintenance, Estimator- E&I, Senior Secretary and Marketing/ Business Development

Al-SHAMS Printing packaging & Trading Co, KSA – We have conducted interviews for the positions of paper Cutter, Industrial Electrician, Sales Executive, Graphic Designer, Saddle Stitch machine Operator, Continuous Form Operator, Folding Machine Operator, Die Cut machine Operator, Offset Printer, Offset printer- man Roland, Gluing machine operator

Multiplex Services, UAE – We have conducted interviews for the positions of AC Technician, Civil Technician, Light Driver, Electrical Technician, HVAC Technician, MEP TL With UAE Light License, Multi-skilled Technician, Plumbing Technician, Cleaner, Cleaning Team leader

Arabian Castles for General Contracting Co., LLC, KSA – We had conducted an interview for Maximmo specialist position.

ADCC, UAE – We have conducted interviews for Spray painters at Bidar

PLQ Contracting LLC UAE – We have conducted interviews for labour and Site Engineer positions

Major Events Organized



Current Requirements

S.No	Customer	Country	Requirement
1	Foreign Recruitment Company	Singapore	Welder, Class 4 driver, Electrician, Construction General Worker, Electrician with Driving license, Aircon installer, Aircon Tech with class 3 driving license, Electrician, Site supervisor, Constructuin worker with class 3 driver, Vehicle operator cum scaffold supervisor, Electrician with Driving License
2	Kuwait Resource Company	Kuwait	Winch Truck Operator, Heavy Driver,
3	Ms. Al Maha Agricultural Co(Gulf Resource Company), Kuwait	Kuwait	Farm Labour, Poultry care taker, Camel, Goat farm caretaker, Nursery technicians, Electrician, Tractor Mechanic, Plumber, Garden Technician, Supervisor, Heavy driver, welder & Fabricator
4	Trnreya	KSA	Machine Operator, Production Supervisor, Packaging Controller, Warehouse supervisor
5	Zamil Offshore	KSA	HR Assistant
6	Thyssenkrupp	KSA	Senior Sales Manager
7	SYME Group	Bahrain	Erector, Welder, fabricator, Skilled labour, civil foreman
8	PLQ	UAE	Civil worker
9	Hexa Oil	UAE	Fire & Gas Technician, Erector
10	Bateel	KSA	Waiter, Barista
11	Galfar	UAE	QA, QC manager, Senior Project manager, Lead Process Engineer, Senior Civil Engineer, Senior Electrical Engineer, Senior piping Engineer, Pipeline Engineer, Project HSE manager
12	JK Group	UAE	Product Manager
13	Al Reyami Steels	UAE	Senior Sales executive, Mechanical Technician
14	Minda Sai	India	Sr. Engineer - PED
15	Kitoskar	India	Diploma Mechanical Trainee
16	Stellar Plastics	India	Diploma/ITI (Fresher)
17	Western Thomson	India	Tool Engineer/Production Engineer
18	SRVS	India	Assistant-Secretary/Accountant/Asst. manager Logistics
19	Simpsons Group	India	Area Sales Manager
20	Andritz Separation	India	Executive Data Entry cum sales coordinator
21	Lapiz digital	India	Assistant Manager-HR
22	Star Boxes	India	Shift In charge maintenance/ Mold Operator
23	Nippon Steel & Sumikin Materials India	India	Finance Executive(Fresher)

Voltech HR Induction

@ Corporate Office (Voltech Eco Tower)

VEPL's HR Department has announced that 90 candidates have successfully completed the weeklong intensive in-house training programme during the April-June period at Voltech's staff training facilities. The new batch of trainees completed their comprehensive skilling and certification programme at Voltech's training facilities at Eco-tower, Iyapanthangal and Voltech Techno Park, Kovur. The skill augmentation programme was an opportunity for knowledge sharing and acclimatization, wherein the on-board Human Resources platform of VEPL provided the candidates with a consistent, world-class integration experience into the Company's multi-disciplinary and multi-functional framework, whilst keeping them abreast of current industry trends and practices. With several of the candidates and participants being fresh graduates, the programme used a holistic ground-up teaching-learning approach to ensure complete internalization into the company's curricular structure.

The "Know Voltech" programme introduced participants to the world of Energy and power, in addition to familiarizing them with the underlying technologies and their applications in the energy services industry. This was subsequently followed through with several rigorous and intensive sessions covering various facets of the company as well as its business and operations. The training programme was specifically designed to re-skill the workforce, beginning first with a mental reorientation, to create a vibrant, productive and enjoyable work environment for the engineers. The programme also covered modules incorporating a structured approach to career development, leadership development, internal job rotation and mentoring to help the participants grow in their careers and realize their full potential. The trainees were systematically monitored, guided and evaluated by the in-house experts before being advised to take up roles best suited to their capabilities and skillset.

The course, which was delivered by leading learning and development specialists, is closely aligned with the company's strategy to transform its operations expansively in order to align with the "Strategy 2025" plan. With the plan currently under execution, the restructured and audited programme was drafted to meet the ISO Standard certification in training, and rigid

compliance to the strenuous and stringent demands of Voltech's blue-chip international clients.

"The course is in line with our mission to prepare this nascent workforce to satisfactorily serve our clients at international locations. With measurement and criteria becoming increasingly harsh, it becomes important to deliver a comprehensive training programme of the highest quality," AGM of Human Resources, E. Kumaresan said: "This training is crucial to Voltech's ambition to reach the heights of the industry as a manufacturing and services powerhouse. Our exemplary training and development programmes would help distinguish the work efforts and service of our employees both at the office and the field, creating an aura of exemplary professionalism and standard which we hope would become the attainable benchmark in the sector."

The training programme was officially concluded with the awarding of certificates by Executive Directors, in the presence of the HR, Mr. E. Kumaresan.



Mr. E. Kumaresan (HR-Head) orienting the Trainees



De-briefing Session



Mr. M. Babu (Executive Director) & Mr. E. Kumaresan (HR Head) with the Trainees



Mr. T. Premnath (Executive Director) & Mr. E. Kumaresan (HR Head) with the Trainees

EHS Training

@ Head Office / Domestic Sites

"At the end of the day, our goals are twofold: safety & well-being" K. Dhavamani, Chief Safety Officer of VEPL, recited in practiced precision to the Editorial team. The tête-à-tête was at the conclusion of the packed safety training schedule for the April-June quarter, after what seemed like an exhaustive period, with a great deal of success and fulfilment at the end of it.

Safety training programmes and modules were conducted at various domestic and international site locations and factories by the Safety team. Seminars and a wide range of interactive training sessions were held during the first quarter of the financial year 2018, using innovative delivery mechanisms, highly engaging content and participative methodologies, to home in critical points for aiding recall and ensuring habituated practice of safety procedures. The courses were specifically designed and built around the idea that effective training must engage the learner. Health and safety were the crux areas across the entire training calendar with special attention paid to the highest possible safety levels and risk awareness assessments prior to each tailor-made session.

The programme, aside from being highly interactive, provided hands-on experience for trainees, with modules covering simulated exercises and incident response action-plans. The training programme which was designed and developed entirely in-house by Voltech's safety team, included modules and content that were derived from industry leading safety experts and innovative approaches to teaching used around the world. A system of continuous evaluation and peer-review also ensured that the learning objectives of the course were met at an individual and aggregate level.

Mr. K. Dhavamani concludes with a final flourish, "It is as much one's duty to be careful and comply with safety rules as it is to properly perform one's work. Our duty involves creating a balance between the two, getting work done, while ensuring that safety is never compromised."

The safety programmes utilized brainstorming sessions by the participants in the training and operational domains create an androgogy for accumulation and recall of knowledge. The safety team also have started including the concept of microlearning in their program.



Mr. K. Dhavamani emphasizing the importance of safety



Mr. K. Kalaiyandan (Safety Officer) explaining safety practices of Voltech



Safety Video presentation



Mr. Ramesh Babu interacting with the trainees



Mr. K. Dhavamani (Chief Safety Officer) orienting the trainees



Engineers paying attention to the safety programme



Safety Induction at HPL - Haldia



Safety Induction at HPL - Haldia



Q&A round



De-briefing after the presentation



Safety Induction at HPL - Haldia



Safety Induction at HPL - Haldia

EHS Training



Safety Induction at HPL - Haldia



Safety Induction at HPL - Haldia



PGCIL-Jafkara (NR)



PGCIL-Maharanibagh(NR)



Safety Induction at HPL - Haldia



Safety Induction at HPL - Haldia

EHS Training @ International Sites

Environmental Health & Safety induction training were offered at various International site locations.



PGCIL-Gurgaon(NR)



PGCIL-Gurgaon(NR)



66/11kV Khalwat-2 Substation



132/11kV RAS Abu Fonfas-3 Substation



PGCIL-Manesar(NR)



PGCIL-Sharanpur(NR)



132/11kV Wakrah Logstlc-1 substation



132/11kV Wakrah Logstlc-2 substation



132/11kV Al Heedan Substation



400/132/11kV Al Shakama Super Substation



220/132/33kV Doha West Metro Super Substation



400/220/132/11kV Doha south super Substation



132/33kV Al Waab City Metro Substation



66/11kV Al Wakrah South Substation



220/132/33kV Doha West Metro Super Substation



132/11kV Lusail Centre Metro S/S



66/11kV Al Wakrah South Substation



132/11kV Bu Garn Substation



66/11kV Khalifa-2 Substation



66/11kV Khalifa-2 Substation



132/11kV Birkat Al Awamer-5 Substation



132/11kV Bu Garn Substation



132/11kV Raf Abu Fanfas South Substation



66/11kV Umm Al Seneem Substation

■ Interview Feature



“It's a leadership role that explores a nascent and untouched market space. Exploration is the driving force of innovation, and innovation stimulates economic growth. So I'm here to explore!”

Mr. R. Sundar Executive Director - VGTPL

With Voltech reaching out as far as it can across the spectrum of the energy and services market, it is leaving no proverbial stone unturned in discovering value and identifying gaps in its existing portfolio. Its growing international clout notwithstanding, the potential to reap huge gains in a market that amalgamates the gamut of services offered by its different companies under a single trading entity, allows for customers to interact with a single point interface. VGTPL, an engineering trading services

company and a subsidiary of Voltech Group, is looking at widening its global customer base, as the independent companies are accelerating their investment in engineering excellence to improve efficiency and serviceability with an eye on delivering exceptional value. To further broaden its services offering, the company is on an ambitious foray into the market. Director Mr. R. Sundar interacts with the editorial team of Vista for this interview. Edited excerpts:

Mr. R. Sundar is a Mechanical Engineer from College of Engineering, Guindy, Madras of the 1977-'82 batch. Boasting exceptional achievements in the field of Industrial Marketing, his career that has spanned the better part of three decades has proven his success over and over again as an Engineer cum Marketer. In the course of his distinguished career, he has marketed various products such as Industrial Boilers, DG Sets, Air Pollution Control Equipment, Industrial Valves, Forging Presses, Equipment for Steel Plants and a variety of Equipment for Oil/Gas Sector. Entering into his illustrious fourth year with Voltech, Mr. Sundar seems like a man who is about to take a dive at the deep end of the marketing pool.

Team Vista caught up with this exceptional gentleman in between his busy schedules, meeting clients, and traveling around the world for his enterprising new venture. With exceptional charm in his boisterous, rambunctious and strident demeanour, the glint in his eye and his playful smile allowed us to gaze into the aperture of his focus for the days ahead.

Why was Voltech Global Trading Pvt Ltd (VGTPL) set up?

Voltech Global Trading Pvt. Ltd. [VGTPL] is a relatively young company of the Voltech Group. VGTPL is the trading/exporting wing of Voltech for the international market. The objective of setting up VGTPL was to source and supply high quality Industrial/Engineering Products to our customers both in India as well as overseas.

Voltech has over the last 2 decades established itself as a highly reliable organization. Our customers have at several times expressed their desire that Voltech source and supply various products suited to their requirements. Voltech has reinforced its image in the market as a

proven manufacturer/ supplier with a very high degree of reliability. VGTPL lives up to this expectation in its operations.

Also, some of the reputed manufacturers of industrial/engineering products have been delighted to tie up with Voltech for marketing their products, considering Voltech's wide footprint and excellent contacts with various customers both in India and abroad. Voltech has made a name for itself as a preferred marketing partner.





4 What are the areas of business where VGTP is focussed?

VGTP has its focus concentrated on three main sectors, viz. the Construction Equipment sector, Oil & Gas sector and the overseas export market.

Construction Equipment: This sector is booming in India (and the neighbouring countries) with lot of thrust given by the Indian Government for Mega Highway Projects. VGTP has tied up with a globally reputed manufacturer of Batching Plants-SIMEM Construction & Environment Engineering Pvt. Ltd. (fully owned Indian Subsidiary of SIMEM, Italy) to market their products in Southern India. We bring state-of-the-art technologies into the market by offering SIMEM Batching Plants. VGTP is doing the sales & service of SIMEM Batching Plants and this has received good responses from major contractors and customers.

Oil & Gas Sector: We bring products to customers from some of the established Global Leaders. As partners to such enterprises, we undertake work related to Electricals & Instrumentation, thereby offering comprehensive solutions to customers.

Overseas Market: With our global presence spread across 21 countries over 5 continents, the International Divisions of Voltech get requests from many of our customers to source and supply various Industrial/Engineering products. VGTP supports the international divisions by sourcing Quality Products for such requirements.

VGTP also brings in orders for its various group companies from customers who were hitherto unfamiliar with Voltech's range of products & services.

4 What is VGTP's future strategy?

VGTP aims to strengthen and consolidate its business in the Products/Sectors that have been identified for aggressive expansion. Towards this end, VGTP is constantly strengthening its sales & service operations (in addition to strengthening the sourcing team).

I believe that Voltech, being a service oriented company, will ensure that all its customers are well attended to and would be delighted with the entire gamut of products and services offered.

4 Can you tell us about your personal experiences and anecdotes from your association with Voltech as a Director, Head of the Trading Company and also being former classmate of the Managing Director.

We had a get-together of the alumni of CEG, Guindy [Guindians '82] back in December 2012 to celebrate the 30th anniversary after our graduation. I met Umapathi at the gathering and got to know about Voltech's Profile. Umapathi was publicizing and marketing the Voltech Group in a big way to all our classmates. I was inspired by his commitment, focus and leadership. His sheer will made him a magnificent personality. Back then, I was working with Empire Industries Ltd.

The next morning, I was on the morning flight to Kochi for Business. It was by chance that Umapathi was seated next to me in the flight. The conversation that followed perked up my interest in taking up this assignment. That was what I would describe as the beginning of my association with Voltech. I joined Voltech Group much later, in 2014. I would be completing 4 years with this wonderful organization this year.

4 Tell us about your personal philosophy, and what drives you in your vision for your company.

Voltech has reached great heights in many areas. I tell my old chum Umapathi that there is much more we can do to make this company a truly global conglomerate. We need to bring in more synergy amongst the various Group Companies of Voltech, so as to give complete solution to customers. VGTP is an endeavour that is directed towards such a quest.

"Success is not permanent. Failure is not final." Our real success is in being able to ride through these ups and downs to reach our ultimate goal. We need to continuously improve ourselves and that is best done by improving our systems and updating ourselves so that we provide cost effective, innovative and appropriate solutions to customers. However, these philosophies are not just directed towards a business alone. Its values and essence can be imbibed into one's personal life as well.

Personally, I always say to myself, and also to others that

Financial Year Pooja (2018-19)

The morning of April 1st, 2018 symbolized the beauty of creation in all its greatness, and the magnificence of the supreme God, as an opportunity for life spawned yet again from the memories of the past, which has made the prayers of the faithful stronger and more resolute. To invoke the blessings of the Lord God Almighty, a ceremonial Pooja was conducted during the very first hour of work at the entrance of the Eco-tower headquarters.

The Managing Director and the Director Mrs. U. Kalaivani presided over this ceremony, while the company employees and Heads gathered around the idols of the deities in the lobby. The prayer ceremony was conducted with the breaking of a blessed coconut, and the lighting of a karpuram, as prayers were recited and sung in the backdrop of an audience that stood in rapt attention.

The Managing Director used the opportunity to address all the Heads after the Pooja, speaking about the achievements and challenges faced by each division. A brief synopsis of the performances of the past year was parlayed, and an outline was unveiled to address the shortages and shortfalls of each division. The MD congratulated the best performers, and spoke encouraging words to the companies that were facing immediate challenges. The targets and expected benchmarks were blessed in the presence of the deities, and were handed over in a sealed cover to each of the heads, after which they were photographed with the Managing Director and the other Directors.

The Managing Director also addressed the employees as a whole, reminding them of their duty and responsibility towards the nation, the company and towards themselves. The Managing Director in his trademark style also cracked a few jokes in his signature Chennai lingo, to raucous laughter, lending the closing moments of the sacrosanct ceremony with a warm glow of goodness, humaneness and kindness.

This financial New Year, marked on the 1st of April 2018 is the stepping stone for the next 12 months. As the stepping stone gives direction and purpose, the pooja ceremony invokes blessings and positivity. The employees also used this opportunity to make new resolutions and promises in the presence of God and ask for the strength and blessings to fulfil those resolutions successfully.



IC-D1 | Mr. M. Babu



IC-D2 | Mr. K.S.V. Vijayan



IC-D5 | Mr. D. Arumugam



IC-Engg. | Mr. A.A. Vijay Kumar



IC-Solar | Mr. S.P. Sudhakaran



IC-IN1 | Mr. S. Vasanth



IC-IN2 | Mr. T.Premnath



IC-IN3 | Mr. S. Sivakumar



VOMS BU-1 | Mr. S. Manikandan with Mr. A.Ravindran



VOMS BU-2 | Mr. I.R.S. Sekaran



VOMS BU-3 | Mr. M. Dhanraj



VOMS BU-4 | Mr. T. Selvaraju



VHRS BU-1 | Mr. Dinesh K Babu with Mrs. Sangeetha BMK



VHRS BU-2 | Mr. K. Jagan



VHRS BU-3 | Mr. G. Selvaraj



VHRS BU-4 | Mr. P. Kalyanasundaram



VMCL IC-M1 | Mr. T. Hanraj with Mr. R. Adalarasan



VMCL IC-M2 | Mr. R. Rajayogesh



VMCL IC-M3 | Mr. T.Sudhakar



VMCL IC-M4 | Mr. G.P. Haribabu



APE | Mr. P. Subramanian



VGTP | Mr. R.Sundar



VG | Mrs. A. Annappoorani

Inauguration of New Branch Office / Guest House @ Kolkata

The inauguration of the New Branch Office & guesthouse completed the propitious hat trick after the Bangalore and Hyderabad guesthouse inaugurations over the previous quarters, establishing a conspicuous presence of the company's facilities across all major metropolitan cities. Voltech inaugurated its plush guest house at Chandī Ghose Road in Kolkata on the 22nd of April 2018. Located very close to the Kudghat Metro Station, the guesthouse allowed for easy accessibility to all the major business centres and connectivity hubs of Kolkata, allowing unfazed and convenient transportation for its inhabitants. It was also easy to locate and access for new visitors to the city, who would be able to reach it using alternate means of conveyance.

The public relations wing of Voltech released the following statement, "The charmingly decorated, elegantly furnished and opulently equipped guesthouse will provide lavish in-house hospitality and exceptional service for the group's employees and visitors. The guest house is intended as a retreat for the purposes of both work as well as leisure. The augmented facilities at the guest house would include separate resting rooms for drivers and a fully equipped garage". Internet connectivity, air conditioning, a fully functioning pantry as well the complete bells-and-whistles treatment were provided to make the guesthouse a home away from home. The building will house accommodation for engineers and executives on site related work, as well as a mini-conference room for meetings and official gatherings.

Spread across three floors on a standalone building, the Guesthouse hosts Voltech's offices in its ground floor with three separate rooms, and a conference hall on the first floor. Two double occupancy rooms with complete furnishing and all electrical fittings and accessories are located in the same floor for senior executives and their families. The second floor provides accommodation for the Engineers. The terrace level houses the pantry and the dining hall for the employees. The building and its environs occupy a built-up area exceeding 7500 sq. ft.



Outer view of our new branch office / guesthouse



Inner view of our guesthouse

The PR team clarified that the new guesthouse would be functioning to enhance and expand the rapidly increasing requirements of Voltech's employees and executives in major metros. The Voltech group's formidable presence in the Eastern Region of India, along with its several major projects in Bengal in recent years, as well as its growing clout in Bangladesh and Myanmar, has made the inclusion of the plush guesthouse in the region a necessity. The Kolkata guesthouse is the newest addition to the existing fully-functioning guesthouses at Chennai, Bangalore and Hyderabad. "The work at the Kolkata guesthouse has outdone every previous effort, and has established a new benchmark for Voltech's in-house hospitality and courteousness" remarked Santosh Kumar, a member of the Public Relations wing.

The Regional Head, Mr. Balamurugan offered prayers during the inaugural ceremony. In a separate but

related communication, The Managing Director expressed his disquiet over growing incidents of cavalier attitude and carelessness by the Group's employees who were using the company's common facilities. The communication also made it clear that no form of indiscipline or carelessness would be tolerated, and any reports of consumption of alcohol or tobacco within the facilities would be immediately and harshly dealt with.

Addressing the staff and employees of the group, The Managing Director said that the Guest house would cater to the accommodation needs of the employees during their visit to Kolkata. He complimented the efforts of all who were involved in the project. Emphasizing the need for proper maintenance and upkeep, he called upon all employees and visitors to maintain the guest house in pristine order.



MD offering prayers during the inauguration



MD presenting the company books for blessing



Group picture of MD with the Kolkata staff members



World Environmental Day 2018

#beattheplastic



The theme for World Environment Day 2018 revolved around the elimination of plastic waste. The cause has been particularly embraced by India, bringing to the fore stringent commitments for sustainability and conservation, and also to decry the use of single-use plastics which are a growing menace to the world's ecology. The hazards posed by plastics are severe, with the brunt being borne by aquatic life systems. Today, plastics have penetrated so deeply into the world's oceans that almost every fish caught at sea has plastic in its gut. Plastics also pose the clear and present danger of entering into the food chain. Being non-biodegradable, they persist for a long time, and pollute the immediate vicinity with chemical discharges and other effluents- often due to exposure to the sun's heat and the vagaries of nature, and are extremely toxic as well as hazardous to life forms.

Plastics have permeated the formulations of everything from insulation materials to mechanicals to paint, and plastic is still a ubiquitous component of every building assembly. Their durability and low maintenance reduce material replacement, their light weight reduces shipping energy, their formulation into glue products allows for the creation of engineered lumber and sheet products from recycled wood, and their formulation into superior insulation and sealant products improves the energy performance of building structures.

Plastics have become indispensable to human life. Every product manufactured and consumed by society today involves the use of some form of plastic. However, despite the great strides in science and technology, very little has been the progress in the disposal and elimination of plastic wastes. Plastics are burned, causing air pollution, and indiscreetly disposed, causing water pollution and polluted landfills, thereby presenting enormous dangers over the long run. Single-use plastics are increasingly killing domestic livestock, which mistake it for food. Waste disposal today is a billion dollar industry, with certain countries serving as dumping grounds for the world's plastic waste. The effects, though not immediate, would be resonated across the entirety of civilization over the course of time.

Stringent international norms and laws regarding disposal of waste has not deterred producers from continuing to manufacture plastics that have severe effects on the environment. The western world has sought to curb this menace by increasingly mandating manufacturers and exporters to reclaim the waste of their produce at the end of their useful life-cycles. This has brought about investments in the area of reverse logistics and bio-degradation, allowing for research to identify and develop new forms of plastics created from waste or from biodegradable components. In spite of these advances, like all technological innovations, they are taking time to gain acceptance and penetrate into the market, thereby allowing the problem to fester till the point of no return.

Often, a single phrase within the search tab of google is sufficient to open a Pandora's Box of articles on plastic and their inherent dangers. There is no dearth of such literature in scientific publications or even in commonly consumed media, but their urgency is not often felt or manifested in a manner that would stimulate immediate action. There is also a considerable amount of literature advocating the usage of convenient and easily accessible alternatives, but these have not found takers within a mass market.

At the end of it all, man is a creature of convenience. Every invention or innovation until the present date, right from the annals of early history support this truth. Man only invests his energy and attention to making his life simpler and more convenient. And plastics provide that convenience. Given a plethora of options, a person would choose the option that is most convenient. And it is this convenience that continues to drive the demand for plastics. Until such time a cheaper alternative is designed and developed, which can surpass the qualities and benefits of plastics, without the obvious effects that are so detrimental to the environment, the usage of plastics would continue unabated, and in all likelihood, without any curtailment. This is now the immediate cause of action that faces governments, corporations, businesses and society at large. Only a cohesive, concerted, comprehensive and sustained campaign can pave the way for a future free of this blight.

Distribution of Plant Saplings



Mr. T. N. Balu
Executive Director - F & P



Mr. R. Swaminathan
Advisor - Board



Mr. S. Arumugavelan
Executive Director - F & A



Mr. S. Manikandan
Director - VOMS



Mr. Dinesh K Babu
Director - VHSS



Mrs. Annapoorani
CFO - VG



Mr. S. Vasanth
Executive Director - IC IN1



Mr. T. Hariraj
CEO - VMCL



Mr. T. Sudhakar
Executive Director - IC M3



Mr. K. Punniyakoti
Executive Director - VMCL



Mr. A. A. Vijaykumar
Executive Director - ICE



Mr. T. Premnath
Executive Director - IC IN2



Mr. R. Adalarasan
Vice President - IC M1



Mrs. B. Shameena
DGM - VEP



Mr. M. Gopikrishnan
Head - HVDC



Mr. R. Selvaraju
Vice President - VOMS



Mr. C. Natarajan
AVP - IC M1



Mr. K. Jagan
Vice President - VHSS



Mr. A. Ravindran
GM - VOMS



Mr. K. Senthil Kumar
BWP - IC D3



Mrs. Sangeetha BMK
Vice President - VHSS

Environmental Day Celebration @ VOMSPL Site



Green Intra Limited Site



Green Intra Limited Site



Amplus Solar Site



Amplus Solar Site



Waste materials reused as Industrial sofa set made by Mr. Mukhtar Ali Ansari & team at BALCO (1200MW PP):



THE AGE OF PLASTIC: WHY WE NEED TO CHANGE

The scale of the challenge is daunting. Since the 1950s, the production of plastic has outpaced that of almost every other material. Much of the plastic we produce is designed to be thrown away after being used only once. As a result, plastic packaging accounts for about half of the plastic waste in the world. Most of this waste is generated in Asia while America, Japan and the European Union are the world's largest producers of plastic packaging waste per capita. Our ability to cope with plastic waste is already overwhelmed. Only nine per cent of the nine billion tonnes of plastic the world has ever produced has been recycled. Most ends up in landfills, dumps or in the environment.

If current consumption patterns and waste management practices continue, then by 2050 there will be around 12 billion tonnes of plastic litter in landfills and the environment. By this time, if the growth in plastic production continues at its current rate, then the plastics industry may account for 20 per cent of the world's total oil consumption. Most plastics do not biodegrade. Instead, they slowly break down into smaller fragments known as microplastics. When plastic breaks down it becomes even more difficult to remove from the ocean. Studies suggest that plastic bags and containers made of expanded polystyrene foam (commonly referred to as "styrofoam") can take up to thousands of years to decompose, contaminating soil and water. Microplastics, if ingested by fish, can enter our food chain.

They have been found in commercial table salt and studies show that 90 per cent of bottled water and 83 per cent of tap water contain plastic particles. Worryingly, little is known about the impacts of microplastics on human health. The most common single-use plastics found in the environment are, in order of magnitude, cigarette butts, plastic drinking bottles, plastic bottle caps, food wrappers, plastic grocery bags, plastic lids, straws and stirrers, other types of plastic bags, and foam take-away containers.

These are the waste products of a throwaway culture that treats plastic as a disposable material rather than a valuable resource to be harnessed. Plastic waste causes a plethora of problems when it leaks into the environment. Plastic bags can block waterways and exacerbate natural

disasters. By clogging sewers and providing breeding grounds for mosquitoes and pests, plastic bags can increase the transmission of vectorborne diseases like malaria.

High concentrations of plastic materials, particularly plastic bags, have been found blocking the airways and stomachs of hundreds of species. Plastic bags are often ingested by turtles and dolphins who mistake them for food. There is evidence that the toxic chemicals added during the manufacture of plastic transfer to animal tissue, eventually entering the human food chain. Styrofoam products, which contain carcinogenic chemicals like styrene and benzene, are highly toxic if ingested, damaging the nervous systems, lungs and reproductive organs.

The toxins in styrofoam containers can leach into food and drinks. In poor countries, plastic waste is often burned for heat or cooking, exposing people to toxic emissions. Disposing of plastic waste by burning it in open-air pits releases harmful gases like furan and dioxin. The economic damage caused by plastic waste is vast. Plastic litter in the Asia-Pacific region alone costs its tourism, fishing and shipping industries \$1.3 billion per year.

In Europe, cleaning plastic waste from coasts and beaches costs about €630 million per year. Studies suggest that the total economic damage to the world's marine ecosystem caused by plastic amounts to at least \$13 billion every year. The economic, health and environmental reasons to act are clear.



VOLTECH'S GREEN INITIATIVES

The CSR initiative of Voltech has spearheaded a company-wide expedition to combat the dangers of plastic waste. Aside from educational camps, signage at assembly points all over the company's facilities and a well-planned E-mail and mobile campaign which ran throughout the summer months, the company has initiated an action plan to eliminate the consumption of single-use plastics at its office locations and the households of its employees over the next three years. The company also chalked out a clean-up camp at various locations in Chennai for the duration of August and September 2018, especially after the end of the sweltering summer months. The camp is expected to involve several hundred volunteers from the ranks of Voltech's offices in Chennai, and is planned as a month-long activity, with focus on different locations of the metropolitan area. The specific objective of the camp is to highlight the issues arising from, and the elimination of urban blight such as polythene bags, human refuse and liquid contaminants.

Explains Dinesh K. Babu, the Director of VHRS, "We came up with this idea because public places in India, not excluding major tourist locations and residential areas, suffer enormous abuse from the movement of the general populace, and have become an eyesore, depriving the locals of its pristine beauty, and causing many hardships that come as its after-effects. Our campaign is part of a corporate initiative to give back to the community, while utilizing the valuable resources we have to highlight the problem to as large an audience as possible, with the hope that such communitarian ventures would be pursued by other agencies as well, including among them, schools, colleges and major business houses".

He goes on to elaborate, "This concept is not new. Clean-up camps have been around for quite some time, and some of these were specifically coordinated around beaches with the assistance and

support of the Coast-Guard and other security agencies. We are moving inland, because places of habitation are where young children and the elderly are most vulnerable, and where we could maximize the impact of making the community understand the problems arising from unmitigated plastic waste. We have specifically picked the time for August and September, as it is the end of the summer rush and a period where people are likely to move in an unrestricted manner owing to the cooler temperatures. Also, it would be just before the monsoons start in Chennai, and that is when the problem of waste is most exacerbated. Plastic chokes the life out of this city during the rainy season. We are hoping to catch the cool winds before that, and lead a campaign from the front."

He homes in the point, "The corporate video of our planned activity would also be shared on our internet handles to gain a wider audience, and reach out to our distinguished international clientele. We are planning more of such activities on a small scale over the next few months to evince public interest, and build a strong volunteer support corps. Our focus is not so much on the bang and shine of it in organizing a mega event, but rather, in doing this quietly and with dignity, on a much smaller and dispersed scale to achieve similar results, but spread across a wider area intending to leave a longer lasting impression on our target groups."

The spokesperson for Voltech Group also commented "Voltech is leading the fight against plastic pollution from its offices, factories and the homes of its



employees. We have planned out a phased movement to reduce our dependence on plastics in our offices and factories, and have it systemically reduced over 6 month terms over the next three years. Voltech has set a target for 2021 to become a plastic free organization. This is one year ahead of the planned campaign of the Indian Government. We are well on our way to achieve this target before the slated time"

The Director of VHRS concludes, "The efforts of Voltech are travail to guarantee a future for the coming generations, by resolving to conserve as much as possible of the glorious past of this great land. Our clean-up efforts are one among the several major offensives chalked out by the company to fulfil its commitment to its customers and the nation at large over the course of the year. We are holistically moving our CSR activities to directly touch and impact the lives of the communities around us. Our immediate environs are tantamount to this effort."



“ I am very much honored to receive the award and incredibly so proud of my entire team
 - S. Manikandan
 Director - VOMSPL ”

Voltech O And M Services Pvt. Ltd. received the Best O&M Service Provider Award

It was a proud moment for VOMS when it was chosen for the coveted award for the best O&M service provider of 2018 by the Mission Energy Foundation. The award is a hugely sought after accolade that confers enormous status, prestige, recognition and respect for the company, both among its local peers and its international partners and clients. To receive this award, VOMS was chosen over several blue-chip domestic and international companies, including among them, names that are well recognized and respected by the Indian public. The award is intended to foster a competitive spirit amongst various power stations and to improve the performance in all spheres of working. The award was presented during a gala event held at Delhi.

The Director of VOMS, Mr. S. Manikandan was invited to the stage to accept this honour, as the doyens of the industry and business citadels looked on. In a moment of unparalleled distinction during the ceremony, Mr. Manikandan was asked to present the other awards to the participating members and winners across various categories, thereby becoming a distinguished and honoured member in the company of global leaders.

VOMS was stringently evaluated among four parameters before being chosen as the winner. These parameters were related to various criteria and specifications related to the energy industry such as Heat Rate, Aux Power Consumption, Peaking PLF and Secondary Oil consumption.

In the felicitation ceremony held at Eco-Tower immediately following the bestowal of this award, the Managing Director commended and appreciated the efforts of all who were involved, including among them, Consultant, Shri. C. K. Chandrasekharan and Advisor Board, Mr. R. Swaminathan. Other high ranking members of VOMS were also felicitated, and presented with a Ponnadai and gifts by the MD. The CEO of VMCL, Mr. T. Hariroj also

congratulated the engineers and employees of VOMS and wished them many more successes in the days to come.

The Mission Energy Foundation is an independent, non-profit Indian endeavour, established in 2008 to improve and promote the energy sector. Mission Energy Foundation is a micro-enterprise initiative that strives to spread knowledge in the globalising energy sector. They educate and spread technology awareness through ongoing contacts and discussions with the public and industry. The award is running into its 10th year, and has been lauded as a tremendous success throughout its run.



VOMS Leadership team receiving the award



Mr. C. K. Chandrasekharan offering his distinctive views



Gathering for the felicitation ceremony



Mr. R. Swaminathan sharing his snippets



MD felicitating Mr. S. Manikandan



MD asking VOMS Employees to share their experiences



The MD with the jubilant VOMS team

UL Certification meeting @ Voltech Eco Tower

The IC-DI division of the Voltech group, specifically including the Solar and Water divisions, is preparing for an ambitious TPI, Testing certification and Energy audit. The certification has been sought from Underwriters Laboratories Inc. (UL), a global safety consulting and Certification Company headquartered in the USA. With its presence spread across 46 countries, UL is a force to be reckoned with in the safety industry, being one of the select few approved to perform safety testing by the U.S. federal agency, Occupational Safety and Health Administration (OSHA).

Voltech is attempting to obtain the "Recognized Component Mark" in its products for these select divisions. The Recognized Component Mark is a type of quality mark issued by UL. It is placed on components

which are intended to be part of a UL listed product, but which cannot bear the full UL logo themselves. While the general public may not ordinarily come across it, its branding on the finished product symbolizes an assurance of exceptional quality and credibility. Voltech's products would be truly international if these were to be obtained.

Second Level JV-Meeting (Global) were held with UL India Private Limited, led by Mr. Wesley Kwok (Engineering director- Greater Asia), Mr. Sadhasivam V. (Engineering Manager- South Asia) and Mr. Rajesh Singha (Sales Manager- North Region) with representatives from the Eco-tower office taking the initiative on the 18th of June-2018.



Mr. Rajesh Singha being welcomed



The UL team interacting with company representatives



Mr. R. Swaminathan presenting Voltech's proposal and its strengths



Mr. M. Babu speaking about his company to the visiting team

The Managing Director felicitated by the Sengunthar Sangam

In recognition for the massive strides Shri. Umaphathi had made both in his professional and personal spheres; the Managing Director of the Voltech Group was felicitated by the Sengunthar Sangam for his immense contribution to the betterment of his community. The Managing Director was presented with the honour by the members of Sangam.

The Sengunthar or Kaikkolar community is a big Dravidian sect that is present in the states of Tamilnadu and Kerala. The community also marks a small presence of migrant Tamils in the northern regions of Sri Lanka. Historically, the community has been associated with the trades of weaving and handlooms. Kaikkolar is literally translated into English as a person with strong arms. In the antiquities of the Chola dynasty, the Sengunthar community were noted as warriors and craftsmen.

"Sengunthar literally means a warrior with a red dagger" adds the Managing Director. "It is a great honour and privilege to be presented with such an award, as it is recognition from my community which has over the eons toiled to make a name for itself and a standing in society."

"Shri. Umaphathi has become a beacon and a pillar of support for our community over the years", said the President of the Sangam. "He has shown his grit and perseverance to build a vast empire in such a short span of time. To our community, he is a gem, and his achievements are beholden. We earnestly hope and pray that through this award, he may inspire many young men and women of our community to rise through the ranks through the sweat of their brow and the blood of their hands."



The MD being received at the venue



The MD addressing the sengunthar sangam



The MD being received in a traditional way,



The MD with the Sangam leadership



The MD receiving his portrait from the community elders

Inauguration of Aadukalam (Recreation room @ Voltech Eco Tower)

The recreation room of Eco-tower, called Aadukalam in native Tamil, was inaugurated on the 25th of May 2018 by Mrs. U. Kalaivani (Director - VEPL) with the presence of Managing Director & employees of Voltech. Located on the 5th floor of the sprawling complex, the expansive facility hosts a wide variety of equipment for indoor games. The fully air-conditioned facility has been designed to resemble recreation rooms in premium gymnasiums and sports convention centres, with the highest quality equipment being procured for the entertainment and relaxation of the employees. Working on all days of the week from 6:30 am to 8:30 pm, the

facility is intended as a stress-buster for those who want to take a break from their busy schedule.

The expansive windows of the recreation room also offer an exceptional view of the area around Iyyapanthangal, for employees and staffers who just want to take in the fantastic view from a vantage point. The facility houses a table-tennis apparatus, chess board, carrom boards, dart boards and a boxing reflex ball. At present, it is proposed to be a uni-sex facility, open to both genders across the week.



Mrs. U. Kalaivani inaugurating Aadukalam



The MD inspecting the equipment on display



The facility is designed to resemble a premium recreation centre



The MD at match point



Wooden chess board with carved pieces



Elliptical Machine





Voltech Sports Day 2018

@ SKR Engineering College



Team Phoenix lifted the Trophy for the second year in a row during the annual Sports Tournament of the Voltech group, held at the SKR Engineering College at Poonamallee on the 30th of July 2018. The one-day tourney came to an end with the final match being played between Phoenix and Scorpion Kings, with teams Veerasenal and Murattu Kalai coming third and fourth respectively.

The tournament which began at 9:30 in the morning with all the ceremonial fanfare, concluded well past sunset at 7:30, reverberating in the thralls and thrills of a spectacular day of recreation. The event witnessed ensemble participation from across the board and rank of Voltech, with some of the finest athletes and sportsmen from the group's various companies lining up for some exceptional bodywork.

The day started off with an ode to the Tamil motherland, and the National flag was hoisted alongside the Tamil flag by the MD in the presence of the 4 Group Captains. The Group captains then released the balloons with their team jersey colours to symbolize the 4 guiding values of the tournament- good form, the will to win, equity and fairness. The ceremonial proceedings, which occupied the first hour of the event, underscored the Voltech group's ethos towards the creation and fostering of an equitable environment that allows for both professional and personal development. The adrenaline filled morning witnessed the Cricket tournament that was played among the 4 teams side-by-side in different sections of the playground. Team Phoenix faced off against Veerasenal, while Scorpion Kings played against Murattu Kalai during the forenoon's proceedings. The

spectators were kept engaged and amused by some lively commentary interspersed with some hilarious oratory in the Chennai dialect.

While the Cricket match was the cynosure of all eyes, several other sports were played with equal enthusiasm by the genders. Volleyball was another crowd favourite, bringing loud cheers and enthusiastic participation. The women's volleyball matches were very energetic and competitive. Aside from these, badminton, table tennis and tennikoit were played at an individual level. Participants showcased a wide variety and range of skills at these games, and drew very appreciative responses from the onlookers. The tournament also held a carrom, dart board and chess game series, with the winnings of each game contributing to the team total.

The day's events were also blessed with fair weather, although the searing heat exhausted the players, who charged ahead driven only by the mad rush of pure adrenaline. The hysterical and shrill calls from the stands kept the energy of the game flowing till after lunch, when the first half ended, leaving the capable and strong contenders to face off against each other towards eventide.

Team Phoenix proved itself as the top of heap with their esprit de corps, and sheer will power. Like the previous year, they scored a massive victory by a wide margin, displaying candour and adroitness in all their exertions. The Managing Director during the concluding ceremony presented the Trophy to the captain M. Gopikrishnan to loud and bolsterous cheers.



MD arriving at the stadium



MD being received by the group captains



Saluting the National Flag



Gallery





CHAMPIONS 2018





Qatar Sports Day 2018

The international divisions of Voltech also held the sports day at their overseas site locations. Noteworthy among them was the event at Qatar, which played the role of an enchanted spectator to some of the finest moments in the game of Cricket. In the true spirit of being a gentleman's game, the game and glamour of the sport was well balanced with many instances of exceptional camaraderie, sportsmanship and gregariousness. Coming down centuries from what was once an aristocrat's game, the tournament was played with a splendour and passion that illuminated the grandeur and magnificence of the sport in all its pomp and richness.

The game showed some dazzling instances of exceptional footwork and ball play. The dry flat pitch of the ground allowed for some high-class spin bowling. Batsmen were put on notice right from the maiden over,

but responded with brawn, as the pavilion erupted several times in roused rhapsody. The batsmen kept the game lively and entertaining with a wide array of shots, playing long stokes and fine leg, and powering some spectacular sixes with pulls and sweeps.

The winning team proved its mettle in every compartment and aspect of the game with their skill, technique and synergy. They put on a fine show of definitive willow power. Demonstrating grasp in all facets of the game, their combination of orthodox as well as innovative gameplay left the fielders scrambling for the ropes all through the day. The batsmen displayed their finesse with some very clever wristwork and placement, while also exhibiting some exhilarating powerplay. Both the batsmen and bowlers showed their good eye and strong wrists with some gut-wrenching uppercuts, seams, yorkers and roundarms.



Winner certificates awarded by Mr. Thendral



Mr. P. Prem Kumar awarded certificates to the Organizing Committee



The Winning captain Mr. Rasool receiving the trophy from Mr. S. Sandiramohan



Winning team with the trophy



Runner team with the trophy

CONTROLLING YOUR STRESS FOR A BETTER LIFE

- E. Kumaresan | AGM - HR

Stress is common in our daily lives. But what really is stress? How does stress affect one's health? What can one do to control stress?

Stress is a natural human response of the brain and body to any form of demand. In fact, almost every type of demand- called as a stressor- such as exercise, work, major life changes, or traumatic events-is stressful. Uncontrolled stress can have adverse impacts on a person's wellbeing. In the medical profession, stress has been called "the silent killer" because it can be a factor that causes heart disease, high blood pressure, chest pain, and irregular heartbeats. Controlling stress, especially chronic stress is important, as such minor and major stresses have an enormous impact on a person's life and relationships.

In general, stress is related to both external and internal factors. External factors include the physical environment, such as employment, interpersonal relationships, domestic affairs, and all the situations, challenges, difficulties, and expectations a person may be confronted with on a daily basis. Internal factors however are the psycho-physical reactions that determine the body's ability to respond to, and deal with, the external stress-inducing factors. Internal factors which influence the ability to handle stress include nutritional status, overall health and fitness levels, emotional well-being, and the amount of sleep and rest.

Stress has been broadly classified into two main forms, Eustress and Distress. Not all stress is inherently harmful. Eustress is the positive stress whose consequences are positive and helpful for the normal day-to-day functioning. Eustress provides the motivation for a person to excel or work hard, and is directly related to life satisfaction. It leads to personal growth, and is an important determinant of self-efficacy. It drives people to strive forward.

Distress however, is extremely harmful and destructive. Such kind of stress alters the neurochemical makeup of the body, and can cause problems within the reproductive system. In fact, stress may account for 30% of all infertility problems. Stress also affects the release and action of hormones; causing problems such as acne, weight gain and hair loss.

In the developing world, the primary cause for stress among employed people is money. Workplace stress has an enormous impact on the lives of young professionals. It causes problems at work, maintaining a steady job, relationship and marital problems, and a host of other symptomatic issues such as high blood pressure, cholesterol and the early onset of diabetes. The suicides and divorces that one reads in the papers is the culmination of these.

Stress has certain symptoms that can be detected early, and treated effectively. Irritability, mood swings, loss of sleep and insomnia, problems in the digestive system, and irritants such as headaches and distraction are the most commonly and easily identified. Between the sexes, men are more likely than women to develop certain stress-related disorders, including hypertension, aggressive behaviour, and abuse of alcohol and drugs. Studies have found that substance abuse among young professionals, including addiction to alcohol and tobacco is a major result of a highly stressed life, driving the body to meet these exacting demands through some form of intoxication.

However, the bad news ends there. The human body has the remarkable ability to heal, and more so in ways that people never believe it to be possible. Oftentimes, identifying and treating stress early can help in the complete reversal of symptoms. Also, simple lifestyle changes and cultivation of time for some personal needs are all that the body and mind needs to recuperate from the stressors. These suggestions are explained in the rest of this article.

- Just as machines need energy to work, nutrition is fuel for the body and mind. The right kind of foods for the body makes a substantial impact on the health effects over time. Considerable research exists, which have advocated the consumption of dark chocolate in moderation to reduce the release of stress hormones such as cortisol. It has been shown that cocoa is rich in antioxidants called flavonoids. Consuming foods rich in antioxidants, including among them green tea would markedly improve the general health levels over time.
- Consumption of water is another important activity. In the hustle-bustle of our daily lives, people often do not consume the required amount of water to hydrate and cleanse their body. Water is the elixir of life. It purifies and dilutes, allowing toxins and other bodily discharges to be removed from time to time. Timely and adequate consumption of water can help keep the body functioning well. The Japanese follow a morning water therapy which involves drinking 2 liters of water immediately after waking. This allows for bowel movement, lowering blood pressure, and controlling hunger pangs. The long term effects of morning water therapy are quite voluminous in the medical literature.
- Sometimes simply changing one's attitude towards life can alter stress levels. People who have a negative outlook towards life, such as pessimists, perfectionists, and Type A personalities are the most at risk from stress factors. They can be assisted with lifestyle programs, and other activities which can help them alter their viewpoint towards life. It has been proven beyond doubt that living with a positive and optimistic attitude can help eliminate negative stress and anxiety.
- Another interesting fact about stress one should remember is that simple things in life could reduce stress. Life is best enjoyed in those simple moments when one's body, mind and soul resonate with the frequency of nature. Finding quiet time, when one can be allowed to do as one pleases without any disturbances allows for the mind to relax and get organized. They also destress the body, allowing for body tissues to soften, thereby improving blood flow and circulation.

LIVE A HAPPY AND



POSITIVE LIFE



CONTROLLING YOUR STRESS FOR A BETTER LIFE

- Pastimes such as listening to relaxing music, meditation techniques such as Yoga or even praying to God, laughing at the little joys of life and even at oneself as the situation demands, exercising and keeping the body actively engaged through physical exertions, and sleeping at least 8 hours a day can help reduce stress and lift one's mood.
- Laughing can lower stress hormones such as epinephrine, cortisol, and adrenaline. Simultaneously, it strengthens the immune system by producing health-improving hormones as well.
- Breathing exercises involving deep and slow breathing have an immediate relaxing effect. Also, planning each day the beginning can help allocate resources efficiently, and also find free time at different points of the day. These can be used for going outdoors, socializing and other personal activities which can relax and invigorate you.
- Stress can be managed by seeking support and affection from loved ones, structured timeouts for taking time off for family fun away from the rush of daily life and enjoying a weekend at home relaxing with children, or even a trip to the beach.

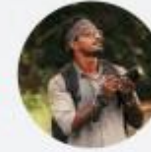
Practicing hobbies and pastimes are great de-stressors. Cooking, cleaning your home, car or bike, and arranging your place of living are simple activities that can really bring back the zing into life. Cooking has been described as a great purushakala, or a male art-form. Such hobbies give the mind time to recuperate, and can be enormously enjoyable owing to their gratification.

Finally, it is important to understand that stress is part of life and will always be around. Managing ones physical and psychological responses is the key. Living a disciplined life that is free from bad habits is the first step. However, whenever it becomes necessary, it is advisable to seek professional medical help before it is too late.



Hearty Congrats to Abijith Soman

Engineer - T&C | Western Region



The Voltech group is immensely proud that one of our engineer, Mr. Abijith Soman, an avid and talented photography enthusiast, was featured in the "Your Shot" of National Geographic magazine. His breathtaking photo of the monsoons in Mumbai (inset), with its cloudy skies and a long winding road was selected from among the hundreds of potential contenders for the "Your Shot" section. The National Geographic magazine selects among the best photographs from enthusiasts and professionals across the world for its exclusive pages.





“Stop bagging the planet - say NO to plastic.”

Art by
S. Hemageetha
 Sr. Estimation Engineer - VMCL



Groom : Mr. T. Binu | HSE Engineer - IC INI
Bride : Mrs. N. Nilhya
Marriage Date : 22nd April 2018



Groom : Mr. A. Rajeev | Sr. T&C Engineer - IC INI
Bride : Mrs. R. Sharmila
Marriage Date : 20th May 2018



Groom : Mr. K. Jathimani | Sr. T&C Engineer - IC INI
Bride : Mrs. D. Yogalakshmi
Marriage Date : 25th May 2018



Groom : Mr. S. Karthik | Sr. T&C Engineer - IC INI
Bride : Mrs. S. Shalini
Marriage Date : 25th May 2018



Bride : Mrs. V. Kalaiselvi | Sr. Executive (F&A) - VOMS
Groom : Mr. E. Lokeshwaran
Marriage Date : 27th May 2018



Bride : Mrs. Renuga | Sr. Executive - VHRS
Groom : Mr. Dilibabu
Marriage Date : 03rd June 2018



**BEAT
PLASTIC
POLLUTION**



**WORLD
ENVIRONMENT
DAY**



**UN
environment**

Corporate Office

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