



# V

## VOLTECH **VISTA**

• QUARTERLY MAGAZINE OF VOLTECH GROUP •

JANUARY - MARCH 2019

WOMEN'S DAY EDITION

**#** *balance  
for better*

*Passionate Transform  
Wellness Worthy  
Radiance Renewal  
Thriving Purposeful  
Exuberant Energy  
Brilliance Abundant  
Align Visionary  
Luminous Creative  
Discovery Results  
Love Release Grace  
Peaceful Growth Passion  
Imagination Courage  
Serendipity Grace  
Harmonious Vision  
Clarity Focus  
Philanthropy  
Outrageous  
Insightful  
Unleash  
Uncover*

**VOLTECH**  
EXCELLENCE IN ENGINEERING PRODUCTS & SERVICES



Do what  
makes  
you  
**Happy**



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What's In...



DESIGN & LAYOUT

Mohammed Hafeez.V.H  
Sr.Graphic Designer





## MD's Desk

The New Year brought with it, an energetic start to Voltech's ambitions for 2019. The group has had its best year on record in 2018, and it was time to push the envelope to the next level. Enterprising targets were set for 2019, and our divisions have proved themselves to be game for the challenge. With our milestone marker year 2020 only a few months away, the entire group was gearing up to reach its target for Vision 2025.

The IC-Solar division came to its own by bagging an INR 8.7 million project from L&T for high power rooftop solar panels. Government buyers continue to repose enormous faith in IC-M1, with the INR 190 million contract from TANGEDCO being the most recent achievement of substantial value. IC-M1 has also become an important player in the high capacity transformer manufacturing arena, with its 10MVA transformers recently being purchased by L&T for the Saubhagya Yojna project of Government of India. IC-M1 received yet another purchase order from L&T for the Vizag Project for INR 33.2 million. Without doubt, IC-M1 has been the star performer of this past quarter.

IC-C&I is establishing a reputation for itself and has procured two prestigious projects in the last quarter. The first is an INR 15 million project at the Reliance Jamnagar complex in Gujarat, and the second is an INR 5.85 million project from Yokogawa India Limited at Bangalore. Notably, both of these are maiden orders, signifying the opening of new business accounts for the division. Prayerfully, these will lead to more repeat orders in the years to come. I extend my heartiest congratulations and good wishes to the Unit Heads of IC-C&I.

There is general consensus among the Group's board and advisory council that the strategic decision to amalgamate IC-D3 and IC-D4 divisions into an extended portfolio of IC-D2, and to create an IC-C&I division in place of the erstwhile IC-D5, was a major step into making our systems and internal structure simpler and more agile. While the transformation looked easy on paper, the actual transition took much of 2018, with a new management structure now firmly in place to run the administration of these companies.



With the proposed changes now in effect, there are 5 domestic units, IC-D1, IC-D2, IC-C&I, IC-Solar and IC-Engineering and 3 international divisions IC-IN1, IC-IN2 and IC-IN3 under the VEPL portfolio. The reasons to structurally reform our business units was also to ensure that each of these divisions had revenue parity, to prevent any of the smaller business units being neglected or overshadowed during strategic planning.

The annual meeting which has held during the period reviewed much of the progress in the previous year. New names have joined our rolls, and several old names have departed as friends. Prominently, many have risen up the ranks. This is an important step of our appraisal systems, and also a crucial tool to ensure strategic alignment of the group's companies while simultaneously checking for any strategic deviation. The evolving marketplace and the rapid pace of changes has made it necessary to re-organize our business systems to be more adaptable to change, and to respond faster to disruptive changes in the market. The group's robust earnings over the past periods have bolstered our war chest with substantial resources, to both protect our business from raids, as well as earnestly seek the market for opportunities which we can cover.

Voltech's vision and mission is firmly rooted in the concept of sustainability. It is our belief that such values must transcend the priorities of any individual, and must become the incantation for the entire group. A great part of our systems are based on rituals, traditions and shared stores among our culture and employees. Observances of important dates and days are very much imbibed in this culture. This was why occasions such as the Safety Week and days such as World Water Day are observed with much solemnity and emphasis. Women's day which was observed in March was a particularly consequential date during this period.

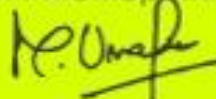
Voltech's global ambitions are matched only by its passion for inculcating a sense of ownership and responsibility in the ecosystem which we share with other life forms. This is why, as an energy enterprise, the group has set stringent and exacting standards of performance, both for its products as well as its production facilities, to minimize its impact on the environment. Our conservation and renewal efforts are performed throughout the year to ensure that our personnel are continually engaged meaningfully within communities to preserve and protect the environment. The recent dictum to ban use of single-use plastics is one of the many steps that the company is taking to make conservation a habit.

Lastly, as I invite you to peruse our report for the previous quarter, I wish to dedicate this issue to all the women in my life, as well as the Voltech Group who have made this great organization a platform for equality and opportunity. We marked women's day on March 8<sup>th</sup> this year as a day of celebration, appreciation, respect and love towards women. It is an important recognition of the monumental strides that women have made in the world, and to spread awareness of their empowerment, their titular role in society, and their great achievements. Our real challenge is in accomplishing what I consider the aim of this issue- to make the women of the past proud, of the present inspired, and of the future envisioned. Our journey is a work in progress. There is so much more to be achieved!

**"Human rights are women's rights,  
and women's rights are human rights"**

~ Hillary Clinton

Mr.M.Umapathi







# Vistorial

The first quarter of the 2019 calendar year had many glitzy highlights. There were great accomplishments in the commercial arena with new orders and business portfolios coming in for the divisions, and there were several cultural festivities as well, most importantly the Tamil Harvest Festival 'Pongal', which was celebrated with great fanfare for a whole week in January. However, the event of utmost significance during this period was given to celebrating and upholding international women's day, with the safety week coming in a close second, reiterating the corporate's unquenchable zeal to celebrate women's contributions and success, even as its 5000+ employees stood in solidarity and joined as one voice for women all over the world.

The editorial team of Voltech lauds women for their tremendous economic, political and social achievements through the past century. From its unique beginnings in 1911 when women marched silently in a world that stood watching indifferently at the fringes, we have heralded a new era in a century when the world has united with legions of women in thoughts, prayers, struggles, hopes and dreams. The editorial team especially notes and applauds women's accomplishments in education, business, science, art, medicine, public service, sports and every other field which has made society more liveable and inclusive.

Voltech celebrates the women who make lives and livelihoods better in the far corners of the globe. These women are the cornerstones of communities both near and far who work tirelessly in making small differences to their loved ones. The editorial team especially remembers and honours the women we know, and women who are strangers. These may be women who are young or old, as well as those physically disabled; Women who are single, married, divorced or widowed; Women who are mothers, working women and those who do both; The women of schools, colleges and universities; The women of the workplace, whether poor or rich, and those who are unemployed; Women who live in mud huts and thatched homes in urban cities and in the rural countryside; and Women who are in small remote villages, mountainous regions, deserts and refugee camps. Every one of these women are working in their own way to make a future meaningful not only for themselves, but for those around them.

Vista honours the women of the past, who stood up for change and fought for the hard won rights enjoyed by the female gender throughout our country and the world. The group also recognizes and honours the

thousands of women who have worked in our offices through the past 23 years, irrespective of the tenure of their service, and applauds their faith and conviction.

Vista honours the women of the present, who are in our offices today, and present in every thread and strand of contemporary society, and especially those women who use their voice to help the world become safer and more accountable. Vista especially recognizes the merits and achievements of the women in factories as well as managerial positions in offices who are climbing up the echelons of the corporate ladder, and shattering glass ceilings through a million cracks, in their own hardworking and genteel way.

Vista honours the women of the future, who will continue to champion the voices of women in the coming years, to help break barriers and obstacles to symbiotic growth among the sexes, and to make in plain sight the achievements as well as plights of women. The group especially encourages up and coming women managers in executive positions, earnestly desiring and waiting for the day when a woman would take over the helm of the company.

This issue of Vista is a special cover that makes the women of our group's past proud, inspire the present generation of women on our rolls, and to provide the women leaders of the future with vision. Eponymously resonating with the UN's theme for IWD in 2019, the group wishes to build a platform for citizens to think equal, build smart and innovate for change. At the very core of this effort is the group's exertion in advancing gender equality in our communities and empowering women to become the citizens of tomorrow. The group has actively worked towards the creation of social protection systems within its corporate boundaries, as well as part of its extended outreach to communities through its CSR initiative. The group is also working towards building infrastructure that is more inclusive of women in society.

The group's recent effort to include a special cell constituted entirely by and of women is a major step in narrowing the gender gap. The aim of this visionary enterprise is to make the collective voices of women stronger through shared experiences. The Voltech group aims to engender a fearless breed of new women prepared to face the challenges of the coming era, while signalling an end to all forms of discrimination and harassment at work, and a rapid progress to a gender neutral workspace.

***" The fastest way to change society is to mobilize the women of the world."***  
***~ Charles Malik***





# Designer's Note





If there's one thing that Vista really missed, it's a woman's touch. However, I would never consider this magazine to be a male-dominated enterprise. Women have always been contributors to this magazine on various issues, and on more than one occasion have influenced my design concept all the way back to the drawing board. I was rather referring to the feminist ideal typified in art and design which first broke cover in the 1960s, and which is now part of mainstream conversation. If there has ever been any projection of male power in any of my work until now, or even any contrived likeness of discrimination, then I owe every one of my patrons an apology.

Feminism in the art and design world was important as it transformed cultural attitudes and shattered stereotypes. Art is not merely aesthetic escapism, but a tool to incite viewers to question the social and political landscape. Art was therefore a form of dialogue, and one which needed to include the woman's perspective. Feminism played an important role in de-glamourizing abstract expressionism

which was so typical of the male dominated world. Women also brought in new techniques, materials and ideas into their work. It was the feminine venture that broke the rigidity of tradition, and expanded the definition of art to include wider and more nuanced perspectives.

So I concluded that any lack of a participatory design paradigm would inevitably entail overlooking women's needs, wants and preferences. And art and design are two sides of the same coin. In the modern world, their ability of change cognition and rewire our thinking to form new habits are beyond comprehension. Gender roles almost certainly come into play in the depiction of art and design, in spite of every effort to contain it. That is why a designer must be sensitive to not convey a wrong impression or exclude someone from his concept. That in itself is the worst form of prejudice.

My work as a designer is very challenging. I try to stay above all forms of prejudices and biases, be it cognitive, political, gender, social or even racial- to help create a canvas where everybody has an equal role to play. As a designer, I give my patrons the power to choose. In this way, I believe that I contribute to making the world a better place. I am often pulled into the ideological conflicts of the contemporary era, while still striving to question the assertion of supremacy and privileges of one group over the other. Feminism is just one of those many causes which are making the world more equal. As with any movement, there is a fear of recession. Thankfully, the great strides made by women in the past century have cemented their position and influence on society, so the changes are here to stay.

The things I shape...shape me. Therefore my design must never discriminate. I believe my work influences others and forms their opinions as well. As a global citizen in a diverse society, I expand my questions to the very definition of design, so that it does not create cloistered receptacles, but rather open spaces for others to explore and invent. To symbolize this effort, I have made this issue a woman centric one, while taking every precaution to remove any symbol or badge of stereotype to create an open canvas for others to improvise their thoughts. I am working to reduce the gap at my own pace, to compensate where our human nature could not. It is my hope that in the near future, this space would become an arena for collaborative feminist art projects, and a foundational stone for many more women empowering ideals.

I now invite you to browse the following pages, as my toil and intervention have worked tirelessly to overcome many biological shortcomings. I hope this effort would rehabilitate our cognitive biases, and hark upon a different utopia in a world far removed from our own.

*Your friend in creation,*

**Mohammed Hafeez.V.H**

Sr.Graphic Designer



Follow me @





# IC-D1

INDEPENDENT COMPANY - DOMESTIC 1

## CLUSTER A

### CHENNAI

- Testing and Commissioning of Electrical Equipment at Nxta, Pune- Amed 1 project from Larsen and Toubro Ltd. valued at **INR 375,000**
- Testing and Commissioning of Electrical Equipment at Tadipatri project from Beta Wind Farm valued at **INR 370,000**
- Testing and Commissioning of Electrical Equipment at HSEPL- Kollegal project from Valtech O and M Services valued at **INR 268,000**
- Testing and Commissioning of Electrical Equipment at Pune project from Axay Electrical valued at **INR 242,000**
- Testing and Commissioning of Electrical Equipment at Ahmedabad project from Larsen and Toubro Ltd. valued at **INR 230,000**
- Testing and Commissioning of Electrical Equipment at Silvassa project from Siemens Ltd. valued at **INR 165,000**

### HYDERABAD

- Testing and Commissioning of Electrical Equipment at Ahmedabad Metro project from Siemens Ltd. valued at **4.34 MINR**
- Testing and Commissioning of Electrical Equipment at TTPP, Tulicarin project from Megha Engineering and Infrastructure Ltd. valued at **4.5 MINR**
- Testing and Commissioning of Electrical Equipment at Jaipur - Amed 1 project from Tata Projects Ltd. valued at **1.76 MINR**
- Testing and Commissioning of Electrical Equipment at Kudligi near Hospet, Bellary project from Lanarsy valued at **1.29 MINR**
- Testing and Commissioning of Electrical Equipment at Sail, Bhilai- Amed 1 project from Tata Projects Ltd. valued at **INR 860,000**
- Testing and Commissioning of Electrical Equipment at CMRL project from Voltas Ltd. valued at **INR 208,000**

### BANGALORE

- Testing and Commissioning of Electrical Equipment at APTRANSCO project from Kalpataru Power Transmission Limited valued at **3.47 MINR**
- Testing and Commissioning of Electrical Equipment at Adani RRVN PPP Pkg-8 - Amed 1 project from ABB India Limited valued at **1.65 MINR.**
- Testing and Commissioning of Electrical Equipment at Chennai project from ABB Global Industries Limited valued at **INR 860,000.**
- Testing and Commissioning of Electrical Equipment at HZL, RA Mines - Amed 2 project from ABB India Limited valued at **INR 708,000.**
- Testing and Commissioning of Electrical Equipment at IOCL, Paradip project from Purj Lloyd Limited valued at **INR 566,000.**
- Testing and Commissioning of Electrical Equipment at BMRCL project from ABB India Limited valued at **INR 538,000.**
- Testing and Commissioning of Electrical Equipment at Shell Tech Centre - Amed 1 project from ABB India Limited valued at **INR 206,000.**

### OIL & GAS

- Testing and Commissioning of Electrical Equipment at Bina from Bharat Oman Refineries Limited valued at **1.6 MINR**
- Testing and Commissioning of Electrical Equipment at Panipat from Indian Oil Corporation Ltd. valued at **1.45 MINR**
- Testing and Commissioning of Electrical Equipment at IOCL Bongaigaon from Larsen and Toubro Hydrocarbon Engineering Pvt. Ltd. valued at **1 MINR**
- Testing and Commissioning of Electrical Equipment at Jamnagar from Joy Thomas valued at **INR 245,000.**





## SOLAR & WATER

- Testing and Pre-Commissioning of Electrical Equipment at WBPDCI from Bosch Pvt. Ltd. valued at **INR 200,000.**
- Testing and Pre-Commissioning of Electrical Equipment at Allahabad, Uttar Pradesh from Larsen and Toubro Limited valued at **INR 56,000.**
- Testing and Pre-Commissioning of Electrical Equipment at Uttarakhand from Voith Hydro Pvt. Ltd. valued at **INR 339,000.**
- Testing and Pre-Commissioning of Electrical Equipment at Telangana Project Site from Megha Engineering and Infrastructure Ltd. valued at **INR 270,000.**
- Testing and Pre-Commissioning of Electrical Equipment at Kaleshwaram - Package-11 Project Site from Megha Engineering and Infrastructure Ltd. valued at **INR 180,000.**
- Testing and Pre-Commissioning of Electrical Equipment at Tirunelveli TN Project Site from Skeiron Ltd. valued at **INR 80,000.**

# IC-D1

INDEPENDENT COMPANY - DOMESTIC 1

## CLUSTER B

### WESTERN REGION - MUMBAI & VADODARA

- Testing and Commissioning of Electrical equipment at Khargone from Larsen and Toubro Limited valued at **4.65 MINR**
- Testing and Commissioning of Electrical equipment at Adani-765KV Rajnagaon from ABB India Limited valued at **INR 435,000.**
- Testing and Commissioning of Electrical equipment at Power plant from Orissa Metaliks Pvt. Ltd. valued at **INR 398,000.**
- Testing and Commissioning of Electrical equipment at 220/33 kV TATA Power Solar, Rajasthan from ABB India Limited valued at **INR 288,000.**
- Testing and Commissioning of Electrical equipment at Chittorgarh from Siemens Ltd. valued at **INR 234,000.**
- Testing and Commissioning of Electrical equipment at STTGDC Chennai from Siemens Limited valued at **INR 218,000.**
- Testing and Commissioning of Electrical equipment at Champa from Siemens Ltd. valued at **INR 162,000.**
- Testing and Commissioning of Electrical equipment at Silvassa from Macon Enviro Technologies Pvt. Ltd. valued at **INR 135,000.**

### NORTHERN REGION - DELHI

- Testing and Commissioning of Electrical equipment of various projects from Power Grid Corporation Ltd. amendment-1 valued at **9.1 MINR**
- Testing and Commissioning of Electrical equipment at 150 MW Pavagada Project from Renew Power Ltd. valued at **1.3 MINR**
- Testing and Commissioning of Electrical equipment at Gurgaon-Bhadla Project from Renew Power Ltd. valued at **INR 633,000.**
- Testing and Commissioning of Electrical equipment at DVC Ramgarh Project from GE T&D India Ltd. valued at **1.3 MINR**
- Testing and Commissioning of Electrical equipment at Dolvi Project from Siemens Ltd. valued at **1.21 MINR**
- Testing and Commissioning of Electrical equipment at FSC Tumkur Project from Siemens Ltd. valued at **2.06 MINR**
- Testing and Commissioning of Electrical equipment at 110/66kV GIS (TNEB) Nandanam Project from Siemens Ltd. valued at **INR 471,000.**
- Testing and Commissioning of Electrical equipment at Raipur Project from Jackson Limited valued at **INR 152,000.**
- Testing and Commissioning of Electrical equipment at SDC Monarch Building, Hanuman Nagar, Amrapali Marg, Jaipur and Solan Project from Larsen and Toubro Limited valued at **7.6 MINR.**
- Testing and Commissioning of Electrical equipment at Sec-85 Gurgaon Project from Kalpataru Power Transmission Limited valued at **1.09 MINR.**
- Testing and Commissioning of Electrical equipment at Jamnagar - Amed 4 Project from Siemens Limited valued at **1.07 MINR.**
- Testing and Commissioning of Electrical equipment at Various Project Site (Hasan, Chandigarh, Sterlite LV Package) from Schneider Electric Private Limited valued at **INR 956,000.**
- Testing and Commissioning of Electrical equipment at Malkapur from SMS group valued at **INR 750,000.**
- Testing and Commissioning of Electrical equipment at Jodhpur from SB Energy valued at **INR 344,000.**



## EASTERN REGION - KOLKATA

- Testing and Commissioning of Electrical Equipment at West Bengal Project site from Sterling and Wilson Pvt. Ltd. valued at **1.4 MINR**
- Testing and Commissioning of Electrical Equipment at Damanjadi Project site from ABB India Ltd. valued at **INR 811,000.**
- Testing and Commissioning of Electrical Equipment at APGENCO SITE- Amed 1 Project site from ABB India Ltd. valued at **INR 715,000.**
- Testing and Commissioning of Electrical Equipment at Kairo Project site from The Electric House valued at **INR 260,000.**
- Testing and Commissioning of Electrical Equipment at Silchar- Amed 3 Project site from ABB India Ltd. valued at **INR 168,000.**
- Testing and Commissioning of Electrical Equipment at 400/220 kV S/s of Toshiba-JSW Project site from ABB India Ltd. valued at **INR 816,000.**
- Testing and Commissioning of Electrical Equipment at Bilaspur Project site from ABB India Ltd. valued at **INR 474,000.**
- Testing and Commissioning of Electrical Equipment at Bangladesh Project site from ABB India Ltd. valued at **INR 278,000.**
- Testing and Commissioning of Electrical Equipment at VISAKHAPATNAM- Amed 1 Project site from McNally Bharat Ltd. valued at **INR 848,000.**
- Testing and Commissioning of Electrical Equipment at RA mines Project site from McNally Bharat Ltd. valued at **INR 531,000.**
- Testing and Commissioning of Electrical Equipment at 2MTPA Hurada-Amed 1 Project site from McNally Bharat Ltd. valued at **1.6 MINR.**
- Testing and Commissioning of Electrical Equipment at 2MTPA Expansion Zawar Mines Project site from McNally Bharat Ltd. valued at **INR 472,000.**
- Testing and Commissioning of Electrical Equipment at Bokaro, Jharkhand Project site from Linde India valued at **INR 388,000.**
- Testing and Commissioning of Electrical Equipment at Gunjaria and Kolaghat Project site from Intelligent Solution valued at **INR 275,000.**

## EASTERN REGION - BHUBANESHWAR

- Testing and Commissioning of Electrical Equipment at Agarpada Project site from Jagabandhu Enterprises valued at **INR 450,000.**
- Testing and Commissioning of Electrical Equipment at Odisha Project site from Barso Engineering and Construction valued at **INR 265,000.**
- Testing and Commissioning of Electrical Equipment at Odisha Project site from Bhubaneswar Power Private Limited valued at **INR 51,000.**

# IC-D1

INDEPENDENT COMPANY - DOMESTIC 1

## CLUSTER C

### ATT

- Providing refurbishment / retrofitting of Electrical System at site from SS Legacy Engineers Pvt. Ltd. valued at **2.1 MINR**
- Providing Transformer oil filtration at site Amed from Sterling and Wilson Pvt Ltd. valued at **INR 595,000.**
- Providing Transformer testing at Lanjigarh site from Vedanta Transforming Elements valued at **INR 554,000.**
- Providing Transformer testing at Kothagudam - Vijawada site from TUV SUD South Asia Private Limited valued at **INR 425,000.**
- Providing Transformer oil filtration at JSW- Amed 1 site from Praxair India Pvt Ltd. valued at **INR 270,000.**
- Providing Transformer oil filtration at site from Sundaram Clayton Ltd. valued at **INR 265,000.**
- Providing Transformer oil filtration at Haldia Petrochemicals site from Praxair India Pvt Ltd. valued at **INR 174,000.**

### RAIPUR

- Providing refurbishment / retrofitting of Electrical System at site from SS Legacy Engineers Pvt Ltd. valued at **2.16 MINR.**
- Providing Transformer testing at Raipur Project site from Vandana Global Ltd. valued at **INR 113,000.**
- Providing Transformer testing at Chhattisgarh Project site from Danteswari Enterprises valued at **INR 100,000.**

### HVDC

- Providing HVDC Testing and Commissioning services at Pugalur project sites from ABB India Pvt Ltd. valued at **2.27 MINR**
- Providing HVDC Testing and Commissioning services at CKL-1 Kurukshetra- Amd project sites from ABB India Pvt. Ltd. valued at **1.3 MINR**
- Providing HVDC Testing and Commissioning services at CKL-2 Kurukshetra- Amd project sites from ABB India Pvt. Ltd. valued at **2.15 MINR.**



Our Site and Management Team with the new equipped Oil Filtration Truck



## ACHIEVEMENTS

We are very much proud to announce that we have acquired the first Oil filtration Machine for **Voltech Engineers Pvt. Ltd. - IC D1 - ATT & RLA**

Unique features of this oil filtration machine.

- **Truck Mounted**
- **Oil filtration for Transformer ranges from 5 MVA to 500 MVA**
- **12,000 LPH Oil Filtration**
- **Well trained & Qualified Operators**
- **Auxiliary Evacuation system (Suits for 500MVA Transformer)**
- **Facilitated with Online PPM meter to monitor the moisture level in the oil**
- **Double root pumps**
- **Fine Filter/Strainer installed Wire mesh along with hygroscopic cartridge**

## TRUCK - MOUNTED OIL FILTRATION MACHINE



## EHS TRAINING - ICD1



ABB- HVDC- Pugazhur, ICD1 (HVDC)



GE - HVDC - Kurukshetra



ABB- HVDC- Raigarh, ICD1 (HVDC)



ABB- HVDC- Raigarh, ICD1 (HVDC)



OH&S Induction program @ Bhubaneswar office



OH&S Induction program @ Kolkata office



ABB- HVDC- Raigarh, ICD1 (HVDC)



GE- HVDC- Kurushetra, ICD1 (HVDC)



# IC-D2

INDEPENDENT COMPANY - DOMESTIC 2

## NEW ORDERS

- Received & successfully completed the testing of Electrical Equipment at VS Lignite Power Pvt. Ltd. (KSK), valued at **INR 819,000.**
- Received order from Hindalco, Lapanga for testing of Electrical Equipment, valued at **INR 837,000.**
- Maiden order received from Monnet Ispat for calibration of Electrical Measuring Instruments, valued at **INR 113,000.**
- Received order for calibration of electrical measuring instruments from Powermech Projects Ltd. C/o LSFS Cuddalore, valued at **INR 570,000.**

## Successfully Commissioned Protection & Automation Projects

- Siemens – CMRL : Protection & SAS system of Chennai Metro Phase-2 line was successfully commissioned
- Siemens, Nandhanam : TNEB - 110/33kV Outdoor GIS protection systems was successfully commissioned.
- Siemens, Karappakam : Ford – 110/11kV GIS protection systems was successfully commissioned.
- Siemens, Kadappa : PGCIL - 765/400kV substation automation system was successfully commissioned
- Siemens, Pavagada : PGCIL – 400/220kV AIS substation automation system was successfully commissioned
- Siemens, Tumkur : PGCIL – 400/220kV AIS substation automation system was successfully commissioned
- Siemens, Jagalur : KPTCIL – 400/220kV Hybrid GIS substation automation system was successfully commissioned
- Siemens, Gadak : KPTCIL – 400/220kV AIS substation automation system was successfully commissioned
- Siemens, Mittemari : KPTCIL – 220/66/11kV AIS substation automation system was successfully commissioned
- Siemens, Maragadam : APTRANSCO – 400/220kV AIS substation automation system was successfully commissioned
- Siemens, Hindupur : APTRANSCO – 400/220kV AIS substation automation system was successfully commissioned
- Siemens, Seoni : Troubleshooting & fixing of signal generation issues at PGCIL - 765/400/220kV was successfully completed.



Oil & Gas Plant (Mumbai - Offshore)

Photography by : Mr. Praveen Kumar | Sr. Protection Engineer

## ACHIEVEMENTS

- Successfully inaugurated Voltech Centre of Excellence at **PSNA College of Engineering & Technology, Dindigul**. The inauguration was blessed by the presence of our **CMD Mr. M. Umapathi & Chief Advisor Mr. R. Swaminathan**.
- Successfully completed the Breaker Service for first time in 2 locations at HZL – SK Mines & RA Mines, valued at **1 MINR**
- Successfully completed Annual Maintenance Testing of various substations in Tamilnadu, Andhra Pradesh & Karnataka, valued at **6 MINR**
- Successfully completed Retrofitting & Commissioning of protection system at 6\*115 MW NHPC – Salal, Jammu project, valued at **INR 600,000**.
- Automation engineers were deputed on behalf of Siemens western zone for the first time
- Diagnostic testing of Electrical Equipment's were successfully completed at TATA Motors, Sanand on behalf of Siemens with valued at **INR 500,000**.
- Maiden order received from ABB Oil & Gas for Testing and Commissioning of protection system at oil platforms near Mumbai valued at **1.2 MINR**. Our protection engineer Mr. Praveenkumar executed this project after successful completion of all necessary BOISET training & other procedures for offshore work.



Received Completion certificate from VS Lignite Power Pvt. Ltd. for Testing of Electrical Equipment.



# EHS TRAINING - ICD2



Siemen's Gamesa - Karoshi, ICD2 (AMC)



Siemen's Gamesa - Gudadna, ICD2 (AMC)



Siemen's Gamesa - Rasipalayam, ICD2 (AMC)



Briefing Hydration plan, Siemens Gamesa, Zalki



Briefing Session about fire safety



Siemen's Gamesa Ithaf, ICD2 (AMC)

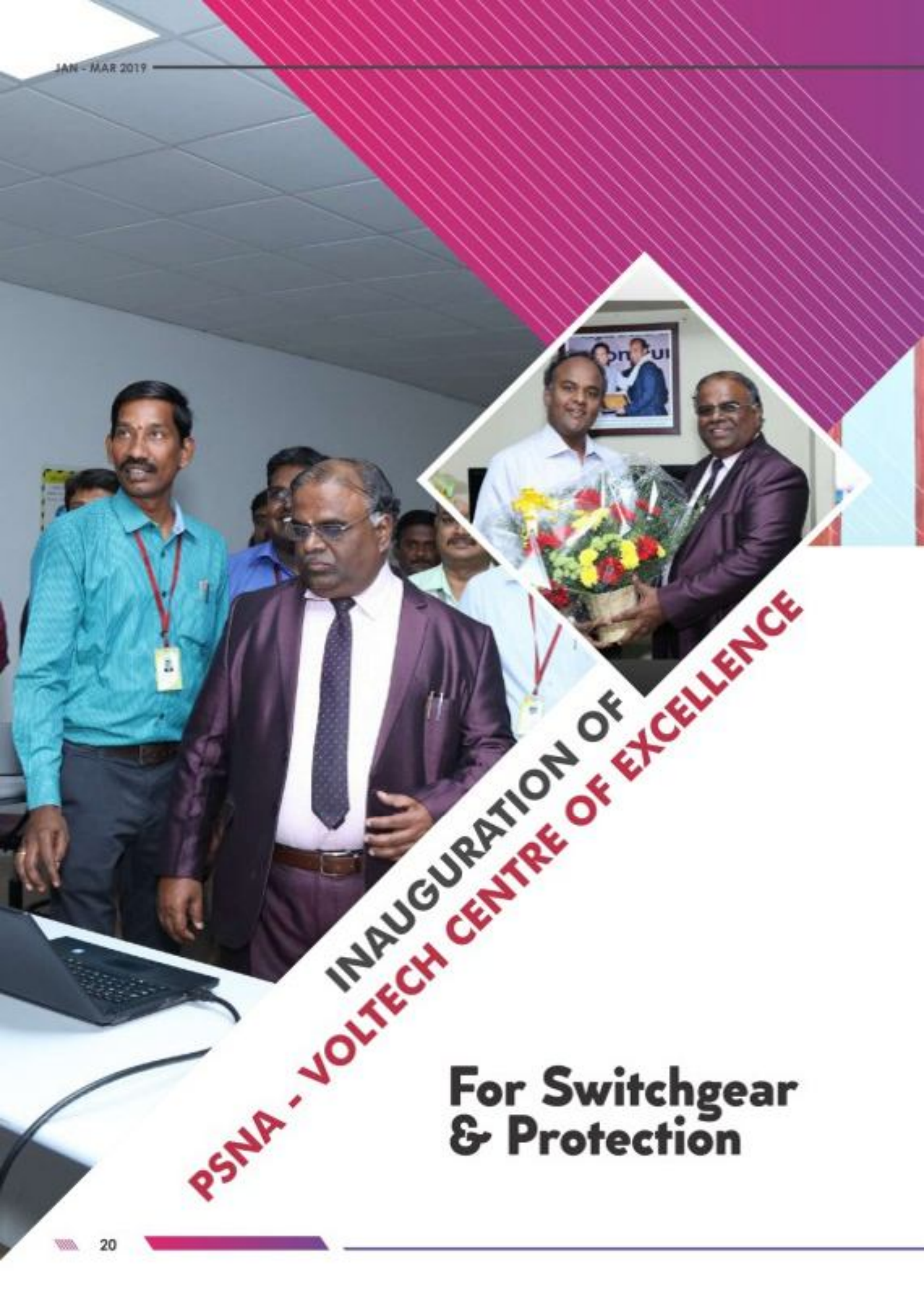


Siemen's Gamesa Kayathar, ICD2 (AMC)



Siemen's Gamesa Kayathar, ICD2 (AMC)





**INAUGURATION OF  
PSNA - VOLTECH CENTRE OF EXCELLENCE**

**For Switchgear  
& Protection**





## IC-D2

INDEPENDENT COMPANY - DOMESTIC 2

The Voltech Group established a **Centre of Excellence at PSNA College of Engineering and Technology**, Dindigul as part of its outreach towards educational institutions in preparing graduate students for a career in industry. The Centre of Excellence hosts state of the art labs in Switchgear and Protection. This is in tandem with the group's focus and expertise in **Electrical Engineering**. In addition to the generous donation of industrial equipment for training and education purposes, the group has also charted out a knowledge transfer scheme for the benefit of the students and faculty.

As part of this initiative, experienced trainers and professionals from the realms of Voltech group would teach both students and instructors on the current developments in the field, with practical insights into the working and execution of such equipment. The

interaction is also slated to provide an opportunity to share detailed business intelligence reports and industrial forecasts with the institution to help them better prepare their students for employment.

During the inauguration of the centre on **30<sup>th</sup> March 2019**, the Managing Director said in the speech addressed to the gathering "This would be an immensely useful tool for the students, and augment the existing knowledge skill set of the institution through an effective academia-industry interface. The program is just the beginning of a series of initiatives by Voltech to make inroads into the educational landscape."



# IC-C&I

INDEPENDENT COMPANY - CONTROL & INSTRUMENTATION

## MAJOR HAPPENINGS

- **The Very First time** in our Voltech group. We bagged a work order from **M/s. Yokogawa India Ltd.** Bengaluru towards Supply, Installation, Testing & Commissioning of Instrumentation Works at IOCL, INDANE BOTTLING PLANT, IDA PHASE 3, CHERLAPALLY Project Site for the value of **6.89 MINR**
- We have received an order worth **4.1 MINR** for carrying out Occasional Maintenance of field Instruments (SEZ PCG – Gasifier Module) at M/s. Reliance Jamnagar Complex, Gujarat.
- Order received from M/s. Fsmidth to depute the Electrical & Instrumentation Engineers to carry out C&I activities for 3 various location, Vedanta Langigarh, Ambikapur & Ariyalur. Order value **INR 400,000.**
- Order received from M/s. Siemens Ltd. Wonder Cement Projects to depute the Electrical & Instrumentation Engineers for C&I work and the order value **INR 196,000.**
- Order received from M/s. ABB India Ltd. for various projects like Haldia, Panipat, Bhalinda, Gujarat for the deputation of Automation / Supervision Engineer for C&I work and the order value **1.16 MINR**
- Order received for Calibration and E&I activities from Various customers M/s. Atharva Engineers, Orissa Metals, Mangal Steel Plant, McNally Bharath, and KBK Biotech for the order value of **INR 685,000.**
- Successfully Commissioned and Completed E&I work at **B-193 Process Platform** under Bassien Development 3 well platform & Pipeline project M/s. Aarkay Instruments Pvt Ltd. (ONGC Project)



Successfully Commissioned & Completed  
M/s. Aarkay Instruments Pvt Ltd. ONGC – Offshore Project site

Erection & Commissioning work @ Unmanned NBP – E Platform, M/s. Aarkay Instruments Ltd





# Achievement

Mr. Chokkar Vignesh got 2nd price in the Fire extinguisher and handling drill competition conducted by RELIANCE For all contractors, DTA PCG site Jamnagar.



Mr. Chokkar Vigneshwaran - Safety Officer received award from RIL

## EHS TRAINING - IC C&I



Briefing about Height Work safety @ RIL, Jamnagar | IC C&I



Briefing about electrical safety @ RIL, Jamnagar | IC C&I



Briefing about PTW system @ RIL, Jamnagar | IC C&I



Briefing about Importance of PPE's @ RIL, Jamnagar | IC C&I



OH&S induction program @ RIL, Jamnagar | IC C&I





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

# IC-ENGINEERING

INDEPENDENT COMPANY - ENGINEERING

## MAJOR ORDERS

- Order received from **Siemens Ltd.** Design & Engineering for Lot-A & Lot-B Project for CEB at Sri Lanka.
- Order received from **Va Tech Wabag Ltd.** for Design & Construction of 20 MLD Tannery Common Effluent Treatment Plant (CETP) up to Tertiary Treatment along with Treated Sewage Dilution Facility for Jajmau Leather Cluster, Uttar Pradesh. (Electrical).
- Order received from **Va Tech Wabag Ltd.** for Civil & Structural Design & Engineering of 20 MLD Tannery Common Effluent Treatment Plant (CETP) up to Tertiary Treatment along with Treated Sewage Dilution Facility for Jajmau Leather Cluster, Uttar Pradesh (Civil).
- Order received from **ABB India Ltd.** for Relay Setting Calculation & Coordination for 12 MTPA MINI Mill (MISCO, S.A.O.C) at Sohar, Oman.
- Order received from **Va Tech Wabag Ltd.** for Civil & Structural Design & Engineering consultancy of 30 MLD SWRO Desalination Plant at Mangalore (Civil).
- Order received from **Va Tech Wabag Ltd.** for Design & Engineering of 30 MLD SWRO Desalination Plant at Mangalore (Electrical).
- Order received from **Linde India Limited** for Relay Setting Calculation and coordination of Compressed Air & Cryogenic Nitrogen Plant project in HPCL Vizag Refinery under VRMP.
- Order received from **Linde India Limited** for Relay Setting Calculation and coordination of Compressed Air & Cryogenic Nitrogen Plant project in HREL Bathindarefinery.
- Order received from **Novin Simian** for Relay Setting Calculation 220/20kV Aagalan substation at Afghanistan.
- Order received from **M/s. ACC Limited** for Relay Coordination of HT & LT Feeders at Kudithini Cement Works.
- Technical bid and proposal engineering services for extension of 2\*125 MVAR Bus Reactor bay at 400/220kV Power Evacuation Substation at Udupi TPP, Karnataka Project.
- Order received from **Siemens Ltd.** for Lighting Design Service for 230kV GIS (PGCB) Western Zone- KFW Project.
- Order received from **Siemens Ltd.** for Illumination Engineering for HVDC Comilla Tender, Bangladesh Project.





# IC-SOLAR

INDEPENDENT COMPANY - SOLAR

## NEW ORDERS

- IC-Solar has received orders from Larsen & Toubro Construction for 23 nos. of 5kW Hybrid Solar system for IPDS projects, Jammu, valued at **8.6 MINR.**
- IC-Solar has received erection order from Larsen & Toubro Construction for 5 nos. of 8kW panels for IPDS Projects, Odisha, valued at **INR 235,000.**
- IC-Solar has received an order from Minuscule Technologies for supply of 10Kw panels, Chennai, valued at **INR 690,000.**

## PROJECTS EXECUTED

Voltech-IC Solar has successfully completed the **supply of rooftop solar system** for the following Clients in IPDS Projects.

- Vindhya Telelinks Limited, Bihar : 1kWp x 84 nos., value at **8.37 MINR**
- Bajaj Electricals Limited, Bihar : 1kWp x 50 nos., valued at **5.83 MINR**
- L&T Construction, Odisha : 5kWp x 8 nos., valued at **8.8 MINR**

Voltech-IC Solar envisages repeat orders from other prospective clients in the coming months.

# IC-IN1

INDEPENDENT COMPANY - INTERNATIONAL I

## UAE

- Order received from **M/s. Grid Solutions LLC** to depute DEWA approved Transformer Engineer.
- Order received from **M/s. Siemens LLC** to depute Testing and Commissioning Engineer at Naser-2 Project.
- Order received from **M/s. ABB LLC** to depute Testing and Commissioning Engineer at DPG Projects.
- Order received from **M/s. Larsen & Toubro Limited** to depute DEWA approved Engineer at 132/11 Kv Qanat substation.
- Order received from **M/s. Dolphin Euro LLC** to depute Protection Engineer at AL Zawra Central power plant, Ajman.
- Order received from **M/s. Larsen & Toubro Limited** to depute DEWA approved Engineers at MPS 4 Dubai EXPO 2020 Metro Project.
- Order received from **M/s. ABB LLC** to depute the Testing & Commissioning Engineers at MBR Solar Ext. Project, Dubai.
- Order received from **M/s. ACCIONA** to depute the Testing & Commissioning Engineers for preventive maintenance at F1 RO project, Fujairah.
- Order received from **M/s. Siemens LLC** to depute Lead Commissioning Engineers at Gusahwira Full Field Development at Abu Dhabi.
- Successfully commissioned 132/11 kV Jum south substation in **DEWA Network**.
- Successfully commissioned 400 kV Hassyon power plant substation in **DEWA Network**.



## INTERNATIONAL BUSINESS DIVISION



Meeting with Mr. Saïh Al Quraishi - Chief Engineer Rail Maintenance Department  
Road & Transport Authority - Dubai - UAE



Meeting With Mr. P. Saravanan & Mr. Stefan Durben  
NATUS Industrial Solutions Systems



Meeting with Mr. Tarek Sultan  
General Manager - ANSALDO - Abu Dhabi - UAE

## KINGDOM OF SAUDI ARABIA

- Order received from **M/s. Power Engineering Co. Ltd** for Testing and Commissioning of LV panels & Transformers at Dammam Mall Project

## QATAR

- Successfully executed the first yearly maintenance at water treatment plant in UAH Power plant for Qatar Electricity and Water Corporation through our client **Acciona**.
- Successfully commissioned the **66/11 kV Khore South-East Substation**
- Order received for Testing and Commissioning of **Phase-13 in 9 Substations from L&T**.

## KUWAIT

- Order received from **M/s. Naser M. Al-Baddah & Partner General Trading & Contracting Company W.LL** for supply of Testing & Commissioning Engineer for E.25 & E.26 K-408 unit substation
- Order received from **M/s. Naser M. Al-Baddah & Partner General Trading & Contracting Company W.LL** for supply of Testing & Commissioning Engineer & Test Equipment activities for various Electrical Equipment's for E.30
- Order received from **M/s. ABB Engineering Technologies Co (KSCC) Kuwait**, for supply of Testing and Commissioning works of MEW CCGT 400kv Al Zour power station.

## BAHRAIN

- Successfully commissioned **Siemens EWA Project - 400KV Hidd, Riffa, Umm Al Hassam substation**
- Successfully commissioned **Alkomed project - 400KV Hidd, Riffa, Umm Al Hassam substation transformers**
- Order received from **M/s. Linxon** to depute manpower in Mandays

## OMAN

- Order received from **M/s. ONEIC** for deputation of Engineer at 33kV PSS retrofitting project.
- Order received from **M/s. Cadagua** for deputation of Engineer at STP Darsait.
- Order received from **M/s. Velosi** for deputation of Engineer at VOX Cinema, Sohar.
- Successfully completed Testing & Commissioning of STP Darsait for **M/s. Cadagua**.

- Order received from **M/s. Heavy Engineering Industries & Shipbuilding Co. K.S.C.P. (HEISCO)**, supply of Testing and Commissioning works of SMPEI Works for K-037 Sulphur Granulation and Conveying unit Al-Zour new refinery project in Kuwait
- Order received from **M/s. Sinopec Tenth Construction Co. Ltd.** for supply of Testing & Commissioning Engineer and test equipment activities in Al Zour refinery K-030 project in Kuwait.
- Order received from **M/s. Worko Regional Gen. Building Cont. Co. (TOSHIBA)** for overall Testing and Commissioning works in FDH JV Expansion Al Zour power station in Kuwait

- Order received from **M/s. Danway** to depute manpower in Mandays
- Participated in **MEOS (Middle East Oil and Gas show Conference)** and explained about our services & products [Especially Flameproof products].



# IC-IN1

INDEPENDENT COMPANY - INTERNATIONAL 1

## ALGERIA

- Successfully completed shutdown maintenance of **30/6.3kV Substations** – in Adrar refinery for M/s. Sonatrach.
- Order received from M/s. HYFLUX to perform shutdown maintenance in **500,000 m3 SWRO Plant** Magtaa, Oran.

## NIGERIA

- Order received from M/s. Indorama Ventures Packaging Nig. Ltd. for the supply of **3MVA, 33/433v OCTC Transformer and LT panels**
- Order received from M/s. Super Packaging Ltd for the supply of **250Kva Dry Type Transformer**.
- Order received from M/s. Sunflag Steel Nig. Ltd. for the supply of Power Cables, Raychem Kit, Lugs and Necessary Termination materials – successfully completed supply.
- Order received from M/s. Sunflag Steel Nig. Ltd. for the supply of **33kV outdoor Gang Isolator and 6A Battery Charger** – successfully completed supply.
- Order received from M/s. GE for the deputation of Civil & Electrical Supervisor for new **330KV substation**.
- Order received from M/s. Pivot Engineering for the deputation of T&C Engineers for **132/33 KV AIS SUBSTATION and 132/33Kv GIS substation**.
- Order received from M/s. Cummins Generation Nig. Ltd. for carrying out troubleshooting, cable terminations works at their **25.7 MW Gas Based Generating Station** – successfully completed execution.
- Order received from M/s. PZ Wilmar Nig. Ltd. for Deputation of Engineer to carry out **Harmonics Study** for the complete plant – successfully completed execution.
- Order received from M/s. PZ Wilmar Nig. Ltd. for the deputation of Engineer to carry out IT measurement for **11KV Cables and Bus bar** – successfully completed execution.
- Order received from M/s. Sunflag Steels Nig. Ltd. for carrying out termination works for power cables at their **Ikorodu Factory** – successfully completed execution.



*132/33kV GIS at Orlu, Nigeria.*



Guinea Alumina Bauxite Corporation site, Guinea.

## GUINEA

- Order received from M/s. Shapoorji Pallonji for Erection Supervision, Instrumentation and Testing & Commissioning of **11kv switchgear** at Guinea Alumina Bauxite Corporation.

## EGYPT

- Order received from M/s. Chint for Testing & Commissioning of **67.5MW Benban Solar Complex** at Egypt.
- Successfully commissioned **SP Energy 50MW Solar power plant** at Benban Solar Complex through M/s. Sterling & Wilson, Egypt.

## SENEGAL

- Order received from M/s. Schneider Relay Testing & Commissioning of **220kv substation at Kolda** and Ziguinchor substation.

## KENYA

- Order received from M/s. MHPS Ltd. for Testing & Commissioning activities at **Kenya/Olkaria V Geothermal power plant project (LOT2)**

## UGANDA

- Order received from M/s. NCC Ltd. for Erection, Testing & Commissioning of **220/132kV Bujagali substation extension project.**

## SRILANKA

- Order received from M/s. Siemens India for Testing and Commissioning of **132kV AIS Transmission Grid substation.**



# PRODUCTS

## Nigeria

- Order received from M/s. Indorama Ventures Packing (Nigeria) Ltd. for the supply of **3MVA, 33/433v OCTC Transformer and LT panels**

### 3MVA, 33/433V OCTC Transformer for M/s. Indorama, Nigeria

- Order Received from M/s. Super Packaging Ltd. for the supply of 250KVA Dry Type Transformer.
- Order received from M/s. Indorama Ventures Packing (Nigeria) Ltd. for the supply of panels
- Order Received from M/s. Sunflag Steel Nigeria Ltd. for the supply of Power Cables, Raychem Kit, Lugs and Necessary Termination materials.
- Order Received from M/s. Sunflag Steel Nigeria Ltd. for the supply of 33Kv Outdoor Gang Isolator and 6A Battery Charger.



3MVA, 33/433v OCTC Transformer for M/s. Indorama, Nigeria

## Kuwait

- Order received from M/s. Warba National Contracting Co. WLL for the supply of **Pad Terminal Connectors**.

## Our New Representative @ Germany



**Mr. Mario Gamert** is our new representative for Germany.

**Contact details:** +49-1603651051

**Email:** mario.g@voltechgroup.com

# Our Managing Director's Business Trip to *Germany*



Our MD with Mr. Andreas Dornhoff  
@ M/s. MMEC MANNESMANN,  
Dusseldorf



Our MD with Mr. Hebert Keller & his Team  
@ M/s. Mitsubishi Hitachi Power Europe, Duisburg



Our MD with Mr. Milind Phulse  
@ M/s. ThyssenKrupp Industrial Solutions,  
Beckum



Our MD with Mr. Luca D'Auria  
@ ThyssenKrupp Steel Europe AG,  
Duisburg



Our MD with Mr. Dimitriou & his team  
@ M/s. Belectric, Kollitzheim



Our MD with Mr. Dirk Vocking  
@ M/s. INNOGY SE, Essen



Our MD with Mr. Lennart & Kedamath  
at M/s. UNIPER @ Dusseldorf



Our MD with Mr. Hans- Jorgen Behnke & his team  
@ M/s. RWE TECHNOLOGY INTERNATIONAL Essen



Our MD with Mr. Karsten Schroeder & his Team  
@ M/s. WTE WASSERTECHNIK, Essen



Our MD with Mr. Morfeza & his team  
@ M/s. Mitsubishi Electric Europe,  
Ratingen



## Germany

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





# Occupational Health & Safety Training @ International Sites



OH&S Induction Training Program @ Abu Dhabi



OH&S Induction Training Program @ Abu Dhabi



Al Shahhanyah Super Substation - Voltech Qatar



Doha Super Substation - Voltech Qatar



Lusail West-2 Substation - Voltech Qatar



Ras Abu Aboud-2 Substation - Voltech Qatar



Umm Ebairiya Substation - Voltech Qatar



Umm Garm Substation - Voltech Qatar





Briefing about PTW system @ UETCL-NCC-Uganda



Briefing about Height work safety @ UETCL-NCC-Uganda



Work at Height - Al Murah South S/S



Importance of Personal Protective Equipment's - Ain Ahamad S/S



Importance of Personal Protective Equipment's - RAF-3 S/S



SS in Workplace - Doha Super S/S



Importance of Personal Protective Equipment's - UAH-1 S/S



Emergency Responds Procedure - Abu Hamour West S/S



**Cambodia**

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





# IC-IN2

INDEPENDENT COMPANY - INTERNATIONAL 2

## New Orders

### SINGAPORE

- Order received from M/s. ABB Pte. Ltd., Singapore for Testing and Commissioning services of MEDP project at Singapore, order valued at **USD 28,600/-**
- Order received from M/s. JGC Construction International, Singapore for deputation of Electrical Supervisor for 30/5.5/0.400 kV Substation at Hassi R' Mel Boosting 3 Project at Algeria, order valued at **USD 78,000/-**
- 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 , order valued at **USD 54,500/-**
- Received amendment purchase order from M/s. ABB Pte. Ltd, Singapore for Testing and Commissioning and supply of Protection Engineers for 3.3KV, 6.6KV, 690V Substation in OKI Chipping Line Project at Palembang, Indonesia, order valued at **USD 15,000/-**
- Received amendment purchase order from M/s. ABB Pte. Ltd, Singapore for Testing and Commissioning and supply of Protection Engineers for 3.3KV, 6.6KV, 690V Substation in OKI Chipping Line Project at Palembang, Indonesia, order valued at **USD 15,000/-**

### MYANMAR

- Successfully completed the Calibration of 350 nos. of Instrumentation Equipment at Dagon Seikkan Township, Yangon through **M/s. Pacific Medical Industries Ltd.**
- Successfully completed the Calibration of Electrical Test Equipments at **Thaketa Plant, Yangon** through M/s. Vishva Protech Pvt. Ltd.

### INDONESIA

- Order received from **PT. Asia Pacific Fibres**, Indonesia for Plant Survey Engineer Service for their factories at Semarang and Karawang, Indonesia
- Order received from PT. Kelinchi Mas Unggul, Indonesia for Testing and Commissioning of 150/20kV Talise and Sidera substation at Sulawesi Indonesia, order valued at **USD 15,900/-**
- Order received from PT. Indo Bharat Rayon, Indonesia for retrofitting of Numerical Relays at Purwakarta Indonesia, order valued at **USD 7,150/-**
- Successfully completed the Testing and Commissioning of **150/20kV SEWA substation** at Sulawesi Indonesia through PT. Kelinchi Mas Unggul, Indonesia

### THAILAND

- Received amendment purchase order from M/s. Grid Solution (Thailand) Limited, for Electrical Site Engineer service for 5 Wind Farm T2 substation at Thailand, order valued at **USD 24,400 /-**
- Order received from M/s. RMS Quality, Thailand for Deputation of Boiler Engineer service for 2\* 700 MW CCPP Bang Pakong replacement project at Thailand, order valued at **USD 29,500/-**
- Order received from M/s. Grid Solution (Thailand) Limited, for Electrical Site Engineer service for 5 Wind Farm T4 substation at Thailand, order valued at **USD 5,350 /-**

# IC-IN2

INDEPENDENT COMPANY - INTERNATIONAL 2

## CAMBODIA

- Successfully completed the Testing and Commissioning of **230kV Substation at CELII** at Cambodia through M/s. TPSC (India) Limited, India.
- Successfully completed the Testing and Commissioning of LV Switchgear Panel of **230kV substation at CELII** at Cambodia through M/s. ABB Limited, Thailand
- Order received from M/s. ABB Limited, Thailand to carry out CT testing, Breaker testing at MV Switchgear Panel of 230kV substation at CELII at Cambodia, order valued at **USD 2,400/-**



Received Successful Completion Certificate from M/s. ABB Thailand Limited for Myingyan Myanmar project



Received Successful Completion Certificate from M/s. ABB Thailand Limited for Maputo Mozambique project



Received Successful Completion Certificate from M/s. Cambodian Energy Limited, Cambodia



Received Successful Completion Certificate from M/s. KEC International Limited for Laos project



## AFGHANISTAN

- Order received from M/s. Assist Consultants, Afghanistan for relay setting & coordination of 220/ 20kv Asqalan substation at Afghanistan, order valued at **USD 9,000/-**

## PHILLIPINES

- Successfully completed the Testing and Commissioning supervision of VMC Philippines project PU1121 at Philippines through **M/s. Thermax Limited, India**

## VIETNAM

- Order received from M/s. Black & Veatch International Company, Vietnam for Electrical, Mechanical and Instrumentation Engineer Service for their Duyen Hai 3 Extension Thermal power plant project at Vietnam, order valued at **USD 103,400/-**

## MALAYSIA

- Order received from M/s. Lotte Chemical Titan for Testing and Assembling of 20/25 MVA Transformer and 14/18MVA Transformer at Pasir Gudang, Malaysia, order valued at **USD 15,600/-**
- Order received from M/s. Bahru Stainless Sdn. Bhd. for transformer oil sampling and oil purification at Pasir Gudang, Malaysia, order valued at **USD 8,625/-**
- Order received from M/s. Kong & Associates Sdn. Bhd. for transformer oil filtration at CCM Chemicals, Pasir Gudang, order valued at **USD 7,150/-**

## Achievements

### Received IPMA “Level C” Certificate

Our Executive Director, Mr. T. Premnath has received the coveted certification for Project Manager from International Project Management Association (IPMA). The Voltech group heartily congratulates his success.



Mr. T. Premnath receiving the certificate from the Managing Director



## Russia

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





## Our Managing Director's Business Trip to *Russia*



Our MD with M/s. Renaissance Heavy Industries of Moscow, Russia



Our MD with M/s. Tecnimont of Moscow, Russia.



Our MD with M/s. DAELIM of Moscow, Russia



Our MD with M/s. ThyssenKrupp Industrial Solution of Moscow, Russia.



Our MD with M/s. Power Machines of St. Petersburg, Russia

# IC-M1

INDEPENDENT COMPANY - MANUFACTURING 1

## Transformer Segment

### Financial year **2018-19** Overview

- Invoice Growth by 2.5 Times (from **50 Crores** to **125 Crores**)
- Positive Cash Flow and P&L
- **2% saving** on material cost (less than budgeted RMC)
- High payment collection
- 52 days success on **Task force Team** (TFT) meetings
- Utilized plant capacity- more than **90%**
- Effective customer **inspection handling** by factory team
- Transport (inward & outward) support timely & within estimated cost
- Added **51 new Vendors/ Sub contractors**
- Made our **footprint in VIZAG** through L&T (Vizag Project)
- Expanded business in **new EPC** – M/s. Gupta Power
- Received big orders from **L&T and TNEB** , valued at **250MINR**
- Achieved **102% against budget** in Chennai contractors segment
- **19 various ratings** of Type Test completed successfully.



## SUPPLY

- Received order from M/s. Larsen & Toubro Limited, Chennai for WS Scheem to Balasore Bhadrak Keonjhar Puri Bolangir Package I Project for various rating transformers, valued at **16 MINR**.
- Received order from M/s. Larsen & Toubro Limited, Chennai for U. G. Cable works in: Vishakapatnam city (package - 2) for 500KVA & 315KVA Transformer, valued at **40 MINR**
- Received PO from M/s. TANGEDCO for supply of 100KVA Transformer, valued at **200 MINR**
- Successfully completed inspection for M/s. Prime Electrical solutions

## SERVICE

- Order received from M/s. Larsen & Toubro Limited for HV Winding & LV Winding Replacement of 3.15MVA Transformer, valued at **1.2 MINR**
- Order received from M/s. Sansera Engineering for supply of materials & servicing of 1MVA Transformer, valued at **INR 950,000**
- Order received from M/s. Siemens Ltd. for supply of RTCC panel, valued at **INR 324,000**.
- Order received from M/s. Daeseung Autoparts India Pvt. Ltd. for supply of materials, valued at **INR 300,000**.
- Order received from M/s. Renaatus Procon Pvt. Ltd. for oil filtration & supply of materials, valued at **INR 170,000**.
- Order received from M/s. Bharani Cotton Mills for overhauling of 1MVA Distribution Transformer, valued at **INR 150,000**.
- Orders received from various customers for servicing of Transformers, valued at **INR 400,000**.



*Successfully completed inspection for M/s.Pride & Expert properties (P) Ltd-500KVATransformer*

# IC-M2

INDEPENDENT COMPANY - MANUFACTURING 2

## Switchgear Segment

### Major Happenings

#### Egypt-LT panels

Voltech Manufacturing Company Limited has bagged an international order valued at **USD 117,000** from M/s. Larsen & Toubro Limited, Africa.

**Project details:** S4 Ras Ghareb (500/220 kV GIS SS) Substation, Egypt.

**End Client:** Egyptian Electricity Transmission Company.

**Our Customer:** Larsen & Toubro, Sharjah-U.A.E.

**Scope:** Design, Supply of LT panels.

#### Oman - LT panels

Mazoon Dairy is one of the largest projects in Oman, with investments from Oman Food Investment Company, Oman Dairy Products and Derivatives etc. The company has planned to commence dairy production in Q2-2019 with the objective to produce over 200mn litres of milk annually by 2026.

To this prestigious company, our VCB panels have been successfully supplied & planned to commission at the earliest.

#### BHEL-CSS at site:



Minaran panels are successfully installed at 2x660MW STPP Udangudi site.

#### Inspection from MEIL



Successful inspection of VCB panels by Megha Engineering & Infrastructures Limited





## ***Inauguration of new plant at Cheyyar (Phase I) on July'19.***

A new plant is under construction at Cheyyar and is planned to be inaugurated on July 2019. The plant will produce switchgear equipment.

- **Manufacturer of Vacuum Circuit Breakers upto 36kV Voltage Class**
- **MV Panels (Complete Range)**
- **LV Panels (PCC, MCC, APFC, VFD, Distribution Boards.)**
- **Compact Substations (MinAran)**

**Neu** Series  
circuit breakers

**MinAran**  
compact substation

# IC-M3

INDEPENDENT COMPANY - MANUFACTURING 3

## Control & Relay Panel Segment

### Major Orders

#### CRP

- Order received from Megha Engineering & Infrastructure Ltd., Hyderabad for supply of 4 nos. Generator Transformer panels valued at **5 MINR**
- Order received from ABB India Ltd., Bangalore for supply of 1 metering panel valued at **INR 660,800.**
- Order received from TANTRANSCO, Chennai for supply of 406 nos. 110V DC Indoor C&R panels for Twin Feeder Breaker valued at **9.83 MINR.**
- Order received from ABB India Ltd., Bangalore for supply of 1 metering panel valued at **INR 578,200.**
- Order received from EDAC Engineering Ltd, Chennai for supply of 3 nos. 110kV C&R panels valued at **1.6 MINR.**

#### RELAY

- Order received from Divya Jyothi Electricals, Hyderabad for supply of 68 nos. Master Trip Relays valued at **INR 96,288.**
- Order received from intercompany VMCL – Switchgear division for supply of 121 nos. of various numerical and electromechanical relays valued at **INR 332,100.**
- Order received from TANGEDCO, Madurai METRO for supply of 15 nos. numerical 3 O/L & 1 E/L relays valued at **INR 107,085.**
- Order received from TANGEDCO, Nagercoil for supply of 11 nos. numerical 3 O/L & 1 E/L relays valued at **INR 83,721.**
- Order received from TANGEDCO, Udthagamandalam for supply of 38 nos. numerical 3 O/L & 1 E/L relays valued at **INR 267,919.**
- Order received from TANGEDCO, Pudukkottai for supply of 12 nos. numerical 3 O/L & 1 E/L relays valued at **INR 1 11,156.**



National Safety Day Celebrations @ Valtech Techno Park IV, Bangalore



Womens Day 2019 Celebrations @ Valtech Techno Park IV, Bangalore





# IC-M4

INDEPENDENT COMPANY - MANUFACTURING 4

## Electronics Segment

- IC-M4 received first direct order from M/s. Baabood LLC, Ruwi for the supply of 3 nos. of 110V 20A Dual Float Cum Boost Charger & 3 nos. of 110V 100AH VRLA batteries, valued at **USD 14,610**.

**IC-M4 received repeat order from various contractors for several MW of NLC project in various regions in Tamilnadu through the following:**

- Hild Energy Pvt. Ltd., Chennai for 100MW NLC Solar power plant at Kamuthi, valued at **1.6 MINR**
- Reflex Energy Pvt. Ltd., Chennai for 100MW NLC Solar Power Plant at Tuticorin and 109MW NLC Solar power plant at Ramanathapuram, valued at **8.2 MINR**.
- Powertech Constructions Pvt. Ltd., Chennai for 100MW NLC Solar power plant at Kamuthi valued at **INR 413,000**.
- Samrudhhi Renewables Solutions, Bangalore for 100MW NLC Solar power plant at Tuticorin, valued at **2.7 MINR**.

## Achievements

- Successfully executed/supplied **792 nos. of Battery Chargers** within 150 days to various regions in TANTRANSO, Tamil Nadu. With this order our productivity was doubled when compared to the previous financial year.
- We are pleased to announce that we have launched a **new product – HMI Based Battery Charger**. All the battery charger controls and indications including RS485 Communication can be made through the touch screen.
- Successfully supplied and commissioned the newly developed **Microcontroller Based Battery Charger** to M/s. Chemplast Sanmar Ltd, Mettur.
- Successfully inspected and supplied 12 nos. of **110V Battery Chargers** for 100MW AC NLC SPV Power Project through L&T Solar, Chennai.



Successfully executed/supplied 792 nos. of Battery Chargers within 150 days to various regions in TANTRANSO, Tamil Nadu

# IC-M4

INDEPENDENT COMPANY - MANUFACTURING 4

## Electronics Segment



Successfully inspected and supplied  
12 nos. of 110V Battery Chargers



New product launch – HMI Based Battery Charger

# IC-M5

INDEPENDENT COMPANY - MANUFACTURING 5

## Flameproof Equipment Segment

### Major Orders

- First order received from M/s. Dalmia Cement (Bharat) Limited, Thiruchirappalli for supply of various FLP fittings, valued at **INR 930,000.**
- First order received from M/s. Bharat Petroleum Corporation Limited for supply of start/stop push button, valued at **INR 12,000.**
- First order received from Bangalore Air Tech Solutions for supply of stop-emergency button, valued at **INR 3000.**
- Order received from M/s. Rasthriya Chemicals and Fertilizers Limited for supply of Switch Socket, valued at **INR 193,000.**
- Orders received from M/s. Precia Malen for supply of various FLP equipments, valued at **1 MINR**
- Orders received from M/s. Aurobindo Pharma Limited for supply of various FLP equipments, valued at **INR 730,000.**



We have successfully completed first stage Audit from Bureau Veritas (ISO 9001 : 2015)



# Occupational Health & Safety Training @ Factories



Basic First Aid Training at Transformer Factory, Pillaipakkam



OH&S Training at Transformer Factory, Pillaipakkam



Importance of PPE's Training at Switchgear Factory, Kovur



Tool box talk at Switchgear Factory, Kovur



Importance of PPE's Training at Electronics Factory, Kovur



OH&S Training at Relay Factory, Kovur



Safety Induction Training at Relay Factory, Kovur



Tool box Talk at FLP Factory, Kovur





*M/s. Sasan (Reliance) Power Limited. - Singrauli, Madhyapradesh*

# VOMS

VOLTECH O AND M SERVICES PVT. LTD.

## Major Orders

### **M/s. Chennai Metro Rail Limited**

Value of order and duration: **137.7 MINR** for 4 years.

**Scope of work:** Providing electrical maintenance services for traction overhead equipment and power supply installations at 32 Metro stations underground, elevated & depot sections for Corridor-1 and Corridor-2 of Chennai Metro Rail Limited.

### **M/s. Adani Mundra Solar PV Ltd.**

Value of order and duration: **24.8 MINR** for 1 year.

**Scope of work:** Facility - Operations & Maintenance work of electrical systems for 1.2 GW Solar PV Cell module manufacturing line of Mundra Solar PV Ltd.

### **M/s. Power Grid Corporation of India Ltd.**

Value of order and duration: **13.1 MINR** for 9 Months.

**Scope of work:** Functional support services in different substations of ER-II.

### **M/s. Saurya Urja Company of Rajasthan Limited – Bhadla-III, Rajasthan**

Value of order and duration: **11.4 MINR** for 12 Months.

**Scope of work:** Annual Operation & Maintenance Contract ("AOMC") for Hiring of services for Operation & Maintenance work of switchyard (PSS# 1) of Saurya Urja including AMC of SCADA & PLCC for 5x 100 MW Solar Power Park, Bhadla-III. Bhadla Solar Park is one of the largest solar parks in India. The park has a capacity of 2,255 MW.



# VOMS

VOLTECH O AND M SERVICES PVT. LTD.

## Newly Appointed



*Mr. J. Prabhu has been appointed as Head of Facility Management Service (FMS) from 01.04.2019*

**Contact No:** 9944506024

**E-mail:** prabhu.j@voltechgroup.com

## Achievements



Best KAIZEN award received for generator carbon brush  
BALCO 540 MW team



Best safety officer award for Mr. Anuj Kumar (VOMS) received  
from NTPC on the event of 48th National safety week 2019.

## Safety Campaign



Road safety campaign conducted at BALCO 1200MW  
KORBA Chhattisgarh



BALCO 540 MW – Korba Chhattisgarh





KSK site Akaltara – Chhattisgarh



VEDANTA Limited – Jharsuguda

### 48<sup>th</sup> National Safety day celebration at various VOMS sites.



ADANI MUNDRA – GUJARAT



Vedanta Limited – (Jharsuguda)



TATA Steel- Kalinganagar Odisha



BALCO (1200MW) – Korba ,Chhattisgarh



AMPLUS SOLAR – Gadag (Karnataka)



NTPC – Lara (Chhattisgarh)



# VOMS

VOLTECH O AND M SERVICES PVT. LTD.



Hero Solar Energies – Kollegal (Karnataka)



Sterile Power Grid – Amargarh (Jammu and Kashmir)



Hero Futures – Raflam (MP)



Green Infra – Karnataka

**Competition conducted on 48th National Safety week at various VOMS sites.**



Drawing competition



Drawing competition



Slogan competition



Safety fancy dress competition.



### Safety motivational programs conducted at various VOMS sites.



Adani - Mundra (Gujarat)



Hero Futer Energies - Clean Wind Rafiam



KSK - Akallara, Chattisgarh



BALCO - Korba, Chattisgarh



TATA Steel - Kalinganagar



TATA Steel - Kalinganagar

### Training and awareness programs at VOMSPL sites.



NTECL- UPL VALLUR



NTPC - Lara (Chattisgarh)



# VOMS

VOLTECH O AND M SERVICES PVT. LTD.

## Our Director's Business Trip to *Nigeria*



Our Director Mr. S. Manikandan & VP Mr. R. Selvaraju  
at PE ENERGY, NIGERIA



Our Director Mr. S. Manikandan & VP Mr. R. Selvaraju  
at PE ENERGY, NIGERIA



Our Director Mr. S. Manikandan & VP Mr. R. Selvaraju  
at INDORAMA, NIGERIA



Our Director Mr. S. Manikandan & VP Mr. R. Selvaraju  
at DONGOTE, NIGERIA



Our Director Mr. S. Manikandan & VP Mr. R. Selvaraju  
at KWALE, NIGERIA

## Interviews Conducted

We have successfully deputed 300+ candidates for the period Jan'19-Mar'19.

- M/s. Bahwan Engineering, Oman - 20 Candidates
- M/s. Al Shabab Integrated Engineering ,Oman - 20 Candidates
- M/s. Al-Ahlieia Switchgear Co. Kuwait -121 Candidates
- M/s. Towell Engineering, Kuwait - 30 Candidates
- M/s. Kuwait Human Resource, Kuwait -70 candidates
- M/s. EMCO, Qatar -10 Candidates
- M/s. Gas Arabian Services, Dammam - 61 Candidates
- M/s. Arabian Castles for General Contracting Co. LLC, Dammam - 12 Candidates
- M/s. Kaefer, Dammam - 8 Candidates
- M/s. Arabian Pipes, Riyadh - 13 Candidates

## Client Visit - Japan

Our Director Mr. Dinesh K Babu visited the following clients in Japan,

- M/s. Nippon koei
- M/s. IHI realise your dreams
- M/s. TOYO Engineering
- M/s. Takenaka Corporation
- M/s. Fuji Electric Co. Ltd
- M/s. SINKA CO Ltd
- M/s. HIKARI YUSHIN Consulting
- M/s. KAWASAKI Powering your potential
- M/s. Mitsubishi Electric Corporation
- M/s. RGF Professional recruitment JAPAN
- M/s. SOJITZ Corporation
- M/s. Sumitomo Corporation
- M/s. TAIHEI DENGYO KAISHA LTD
- M/s. Tokyo Energy & Systems Inc.
- M/s. Toshiba Corporation, Japan.





## Major Event

Annual day Function for 4200 employees at Minda Sai Ltd – Pillaipakkam



## Achievements

Received award for our OEM participation at Vikatan's Education fair held in Madurai.



# VHRS

VOLTECH HR SERVICES PVT. LTD.

## Client Acquisition

### Overseas Education Services

- Australia - Australian National Institute of Business & Technology
- Dubai - American College of Dubai
- Dubai - Middlesex University Dubai
- Ireland - American College Dublin
- Malaysia - Taylor's University
- Malaysia - AIMST University
- Malaysia - Universiti Utara Malaysia
- Singapore - TMC Academy Singapore
- Singapore - Amity Global Institute

### Recruitment Services

#### Dubai

- M/s. Ferco Shutters and Seating Systems(M.E)Manufacture LLC @ Dubai

#### Singapore

- M/s. Twin Shell Engineering
- M/s. JJ & K ENGINEERING PTE LTD
- M/s. Sin Cheong Engrg (96) Pte Ltd
- M/s. SJV Construction Pte Ltd
- M/s. Pacific Radiance





## APE

ASIA POWER ELECTRICAL LLP

## New Orders

- We have received an order through VMCL from M/s. Michelin India Pvt. Ltd. for 35MVA Transformer testing and maintenance work for a value of **INR 250,000.**
- We have received an order from Sree Murugan Enterprises for the supply and replacement of LV bushing work for a value of **INR 102,000.**
- We have received an order from Government of Puducherry for rectification of High Winding Resistance on LV side and Oil Circulation at 10MVA Power Transformer – II at 132/33-11KV Mettacur Sub-Station work for a value of **INR 423,000.**
- We have received an order from M/s. VOMS for Transformer Oil leak arrest work and OLTC service work for a value of **INR 236,000.**
- We have received an order from M/s. TPL for the supply of material and replacement work for a value of **INR 60,000.**
- We have received an order through VMCL from M/s. Michelin India Pvt. Ltd. for the supply of material work for a value of **INR 45,000.**

## Appreciations

### CHEMPLAST:

2.5 MVA & 20/22.5 MVA Transformer Gasket Replacement work at customer premises

As per the PO, the entire scope of work was completed within the stipulated time frame with high quality. It helped us to start up the plant 2 days earlier. M/s. Asia Power Electrical LLP work planning and customer coordination is excellent! It will reduce the shutdown time. We wish them success to all projects.

### MICHELIN:

2 MVA & 2.5 MVA Transformer PM work

We appreciate your team for the work execution in power & distribution Transformers PMs and Leak arresting work. It had been done in a very professional way while respecting all safety and statutory protocols.

# Republic Day CELEBRATIONS

The 70<sup>th</sup> Republic day was a day of much celebration and joy as a billion voices united in chorus to uphold India and her sovereignty. The enormous efforts and sacrifices of millions of freedom fighters whose blood and sweat gave birth to the Republic was remembered and cherished. The Republic Day symbolized India's republican values.

The Tri-colour was proudly and patriotically hoisted on the momentous occasion of India's 70<sup>th</sup> Republic Day at the Eco-Tower Headquarters by the MD in the presence of all Senior Heads and Staffs of Voltech. 2019 was a year of merit and achievement, as the Voltech group and India showcased her industrial prowess to the global powers. The MD took the opportunity to remind the staff and all employees about their sacred duty to the motherland and also to each other as citizens of a great nation, reflecting on the message of the President Shri. Ram Nath Kovind on building and sustaining the republic in its undiminished form for the generations to come.



*The Managing Director hoisting the Indian Tri-colour*



*The Managing director paying homage to the motherland*



*The staffs and heads singing the national anthem*







The Managing Director with heads and key staff members







## Pongal Celebrations

The Voltech Group began the New Year in earnest with splendid celebrations and splashy festivities, marking the annual harvest festival of the state of Tamil Nadu called Pongal. Thai Pongal, which is the first date of the Pongal celebrations, is the celebration of the winter harvest. This day is worshipped to thank the Sun God and farm livestock that helped create the abundance of the yield. The day is crucial in the festivities as it marks the beginning of new opportunities and the sense of enterprise.

At Voltech's corporate head office and factories, Pongal observances were colourful and rich in vibrancy as young lady staffs wore 'pattu pavada', a traditional garment made of silk, and participated in the 'kolam' (Rangoli) competition. Kolam is a regular feature of Tamil households, a chore performed during the early hours of each morning with religious regularity, using powdered rice, mixed with colours, on the threshold of their homes and auspices, symbolic of welcoming guests, a value based system that goes back thousands of years, as echoed in India's culture "Athithi Devo Bhavah".

Many of the participants were also encouraged actively by the menfolk of the group. The competition displayed some very creative and ingenious designs, and was appreciated by the judges for their novelty and artistic sense. The afternoon was celebrated by a grand luncheon of a 7-course Tamil feast, featuring Tamil delicacies, sweets and savouries.



Staff members at Eco-Tower performing Pooja for Pongal



The Director, Mrs. U. Kalaivani leading staff members during prayers



## Rangoli Competition Winners



*Winner*

Mrs. Sasikala  
Executive | Hospitality

Mrs. Latha  
Executive | Hospitality



*First Runner-up*

Mrs. S. Hemageetha  
Asst. Manager - Estimation | VMCL

Ms. S. Raashika  
Commercial Assistant | VEPL



*Second Runner-up*

Ms. Indumathi  
Accounts Executive  
VMCL

Ms. Banu Priya  
Accounts Executive  
VEPL

Mrs. T. Sangeetha  
Sr. Executive - HR | VMCL





## Our Managing Director was the **Chief Guest** **for the 31<sup>st</sup> Graduation Day** *of PSNA College of Engineering and Technology, Dindigul*

The Managing Director, Shri. M. Umapathi was the chief guest at the 31<sup>st</sup> graduation day at PSNA College, Dindigul on the 30<sup>th</sup> of March 2019. The graduation day was the culmination of the 4-year rigorous study of the 2014-18 batch of Engineering students. The Managing Director addressed the gathering of students and parents following which the certificates were distributed to each graduate in a well-planned ceremony. The speech especially focused on the transitional period of the students from college into their careers. Shri. M. Umapathi especially exhorted students to continue planning goals and working towards them, advising that learning is a 'never ending process'. The voice of the Managing director also resonated strongly with the gathering as he encouraged students never to get bogged down by failure, but continue working hard to achieving their life's aims and aspirations. The key theme of the speech was a message of hope and a promise of a future as the chief guest counselled the graduating batch that life is a journey that needed to be enjoyed with wisdom and understanding.





*The Managing Director receiving a felicitation from Shri. R.S.K. Raguram, Pro-Chairman*

The event also provided an opportunity for the Voltech Group to share its considerable experience and expertise with the institution. The key highlight was the MoU between Voltech and PSNA college. The Managing Director spoke of how such initiatives helped creating citizens of tomorrow. The speech also indirectly addressed the dearth of industry-ready graduates which was affecting the country and the core sectors in manufacturing and production. As the event was at its zenith, the managing director instilled dreams and nurtured passions among the junior students by offering internships at the Voltech Group for well-deserving and meritorious candidates.



*The Managing Director presenting awards to distinguished students, alongside Shri. R.S.K. Raguram, Pro-Chairman*



*The Managing Director with the faculty and outgoing batch of Engineering Graduates*





## Voltech Manini Valar Mandram



The Voltech Manini Valar Mandram, literally translated as Women's Development, is a special initiative of the Voltech Group to pool-in resources and skillsets to holistically develop womenfolk of the company, the community areas surrounding its offices and factories, as well as outreach locations where its CSR impact is felt. Established as a visionary group comprising exclusively of women encompassing all levels of the conglomerate, the initiative is radical and sails towards uncharted waters in bringing a larger share of women's participation into the nationhood.

The team was set up with the objective of integrating the women employees of the Voltech group into a cohesive organization that spurs its own initiatives. The Director Mrs. U. Kalaivani said during the setting up of the group "It is high time to involve the voices and ideas of women in mainstream public affairs. With the election approaching around the corner, it is tantamount that our collective chorus is heard and responded to." The initiative aims to encourage and popularize voluntary work among the female personnel of the company. This is over and above the considerable CSR efforts and funds dedicated by the management for public welfare.





**Mrs. R. Indira**, President of the team elaborated, "We are part of a generation which is ageing quickly and approaching the senior years of life. We feel the moral weight of responsibility tugging at our heartstrings especially when we consider how blessed we are. Providing healthcare and education to disabled people has been one effort where we felt we could make an impact to society. This initiative would bring women together to work for collective welfare, and its benefits will accrue to both society as well as the nation."

The team comprises of 45 Members, with the Director **Mrs. U. Kalavani** leading as the Chief Advisor. The team was officially created in a formal function within the Eco-Tower Head Office on the 8<sup>th</sup> of March, and a special WhatsApp group comprising of the members became active and functional on the same day, to facilitate seamless communication. The team has as its motto, the twin goals of serving humanity and ethical integrity. Being an action oriented group with stipulated deadlines and explicit outcomes, the team has already etched out plans for a number of events and programmes. The half-yearly review of the initiative is slated for the mid-September period of 2019.

The Voltech Manini Valar Mandram has also planned its own mouthpiece to reach out to larger audiences. The initiative has as one of its outcomes, a monthly newsletter as well as a bi-annual magazine where content will be

published in both English and local vernacular. The newsletter and its distribution is projected to be a launchpad and tool for drawing in other participants from outside the company, with special focus on areas such as motherhood, parenting, and children. The magazine intend to be a platform for women to showcase their talents. The magazine is also planning a number of sections to appeal to different interest groups. These include cooking, health and exercise, as well as other focused columns for storytelling, poetry and art. However, the core focus of the magazine will be closely aligned with the goals and mission of the initiative.







The committee discussing the plan of action during their first meeting

## Formation of Committee for the Prevention of Sexual Harassment against Women at Workplace

In due deference to the "Sexual Harassment of Women at Workplace (Prevention, Prohibition, and Redressal) Act," passed by parliament in the year 2013, and also as a forward looking initiative, the Volttech Group constituted an all women-committee comprising of senior personnel from all major administrative wings of the company to ensure the wellbeing and safety of women at the workplace. The internal committee also serves to prevent and redress complaints arising out of matters relating to sexual harassment.





The president of the internal committee, **Mrs. B. Shameena** said in an official statement "The Voltech Group aims to position itself as a frontier corporate organization in the Engineering and Services sector, being fully cognizant and responsive to the emerging national and global needs of creating workplaces that value inclusion, sensitivity and protection of rights."

The committee members have taken up the aim of creating and maintaining an environment which is free of all forms of gender violence, sexual harassment and discrimination on the basis of sex/gender. The committee also reiterated its intention to uphold the rights of all who come within its jurisdiction.

Speaking on the occasion, the Managing Director said that this process is an important step in developing a permanent mechanism to address such cases, and create heightened levels of awareness about its social and psychological implications on both the victim and the perpetrator. He said "As a progressive employer, we have gone to great lengths to implement the law, not just in form but also in spirit. As it is, more than 50% of our staff at our Headquarters are women. So this is more than lip service. It's a call to action!"

The committee consists of ten members, who were appointed by the Director. The IC specially ensured complete inclusiveness, by involving personnel from various group companies, factory locations, as well as belonging to scheduled castes, scheduled tribes or other backward castes or religious minorities. The committee has included **Mrs. R. Gayathri**, the founder and president of **WEDA (Women's Economic Development Association)**, an NGO which is committed to the cause of women as a special advisor and member. The IC has tenure of 3 years from the date of formation. The names of the committee members are given below:

**Mrs. B. Shameena – Presiding Officer**

**Mrs M. Lakshmi Priya – Asst Presiding Officer**

**Mrs. E. Tamilselvi – Member**

**Mrs. G. Sathya – Member**

**Mrs .T. Sangeetha - Member**

**Mrs. S. Sangeetha - Member**

**Mrs. Sivaranjani – Member**

**Mrs. Lavanya Mohan - Member**

**Mrs. Rajalakshmi – Member**

**Mr. N. Baskar – Member**

# Speak Out!!



## Women's Day Celebrations 2019

The Voltech Group celebrated March 8th, proudly symbolized across the world as "International Women's day" (IWD) to celebrate the unique strengths of women. Voltech added its own distinctive touch to this day, as it took cognizance of the unprecedented achievements of women in building the company and the group to great heights. The day was marked with a splash of colour and numerous festivities in the offices with games, fun activities, seminars, women's workshops and a grand banquet in the afternoon.



The group selected 24 women from its rolls who had demonstrated exceptional levels of commitment and dedication over the previous year, and chose them for a distinguished award for excellence.

<i>Mrs. B. Shameena</i>	-	<i>Deputy General Manager   MDO</i>
<i>Mrs. R. Indira</i>	-	<i>Manager   MDO</i>
<i>Mrs. M. Lakshmi Priya</i>	-	<i>Manager   MDO</i>
<i>Mrs. S. Sangeetha</i>	-	<i>Assistant Manager   MDO</i>
<i>Mrs. G.Usha</i>	-	<i>Sr. Executive   MDO</i>
<i>Mrs. R. Sasikala</i>	-	<i>Executive   MDO</i>
<i>Mrs. Kalai Selvi</i>	-	<i>Senior Accounts Executive   VOMS</i>
<i>Ms. V. Pavithra</i>	-	<i>Senior Manager Contract   VOMS</i>
<i>Mrs. A. Sangeetha</i>	-	<i>Senior Manager   VHRS</i>
<i>Ms. B. Sarawasthi</i>	-	<i>Senior Manager   VHRS</i>
<i>Mrs. J. Sangeetha</i>	-	<i>Assistant Manager   VHRS</i>
<i>Mrs. Vani Joshi</i>	-	<i>Assistant Manager - HR   VMCL</i>
<i>Mrs. S. Nirosha</i>	-	<i>Manager   ICM1 - VMCL</i>
<i>Mrs. S. Hemaageetha</i>	-	<i>Assistant Manager   ICM2 - VMCL</i>
<i>Mrs. T. Sowmiya</i>	-	<i>Assistant Manager   ICM4 - VMCL</i>
<i>Mrs. E. Yamini</i>	-	<i>Assistant Manager   ICM5 - VMCL</i>
<i>Mrs. Janani Natarajan</i>	-	<i>Sr. Engineer   IC SOLAR - VEPL</i>
<i>Ms. Kuralarasi</i>	-	<i>Assistant Manager   IC SOLAR - VEPL</i>
<i>Mrs. G. Sathya</i>	-	<i>Manager   ICE - VEPL</i>
<i>Mrs. R. Vidya</i>	-	<i>Deputy Manager   ICE - VEPL</i>
<i>Mrs. K. Revathi</i>	-	<i>Sr. Secretary   ICD1 - VEPL</i>
<i>Mrs. N. Sangeetha</i>	-	<i>Assistant Manager   ICD2 - VEPL</i>
<i>Mrs. E. Tamilselvi</i>	-	<i>Assistant Manager   IC C&amp;I - VEPL</i>
<i>Ms. S. Indumathi</i>	-	<i>Assistant Manager   IC IN2 - VEPL</i>

The honourees for the award for best employees were chosen by the current **Voltech Board of Directors** and **division heads**, in consultation with the key advisory council based on nominations submitted earlier this year from colleagues, reporting heads and superiors.

## Women's Day Celebrations 2019

It is a custom at the Voltech Group to celebrate Women's Day in a grand manner. In 2019, it was no different, as the women employees and staff gathered under the aegis of the Eco Tower headquarters to celebrate this important date, led by the Director Mrs. U. Kalaivani. Notably, the spouses of all the HoDs were also present during this year's celebration.

After the prayer and socializing, the women employees gathered at the 5th Floor common area for the programmes. The function started with gala dance, performed by staff members from the various group companies. The official ceremony, which started at around 11.00 a.m, saw the gathering being addressed by the Director. This was continued by the felicitation of the Chief Guests, spouses of HODs and other honorable members gathered on the dais.

The cheerful speech by chief guest invoked fond memories and also inspired the young lady staffs, and was a dialogue to remember. With the presence of several of the Unit heads, a grand cake cutting was organized, with much cheering and applause, and this was then followed by honoring best women employees by the CMD. Gifts were also presented to the newly joined female staffs of the Voltech family. The ceremony marked its conclusion with the presentation of gifts to all women employees followed by the vote of thanks.

A special luncheon was organized by the management to commemorate this day, as a sumptuous 7 course traditional thali meal was served to all the employees of the group. As part of a recreational outing sponsored by the group, all the women employees were entertained with a trip to the theatre for a motion picture treat.

## Chief Guest of the Day Mrs. Chandravadhani

Mrs. Chandravadhani, Teacher and a Speaker humorously narrated the changes in the lifestyle of a girl over the decades. Every Successful person has a woman behind him; she believed that it's the responsibility of every woman to bring out the hidden talent of every individual in her family.

Love, Care and Nurture are women's natural assets that have to be showered without partiality to everyone, she advised. She also expressed how happy she is to see today's woman being independent, bold and glow with self-confidence, while sharing her past experience on how she came to Chennai from her village.

Everyone felt her as a second mother when she authoritatively advices on the importance of holding to our moral values just like every mother would do for her daughter when she steps into her next level.

She made everyone understand that women are to be remembered and celebrated every day for they are today's decision makers, role models; who changed every woman's perspective of expecting someone else to give freedom. It's one's right to own it and you have already achieved it. Now it's time to be a women with Moral Value!!!



Mrs. Chandravadhani presided the occasion





The lady staff members photographed outside The Forum Vijaya Mall for the movie screening



The Director, Mrs. U. Kalavani honouring Mrs. Chandravadhani



The DGM Mrs. B. Shameena honouring Mrs. U. Kalavani, Director

The International women's day calls for the equality of women in a society where they are often not given the rights and recognition they deserve. The inception of the IWD as a formal event since the late 1970's has helped change the scenario quite progressively over the years, to address issues concerning women's role in society.

The Voltech group formally released a statement to mark the occasion, "Collective action and shared ownership for driving gender parity is what makes International Women's Day successful. As it was famously said by Gloria Steinem, the story of women's struggle for equality belongs to no single feminist nor to any one organization but to the collective efforts of all who care about human rights. So the Voltech group marks this International Women's Day as truly your day and help you do what you can to truly make a positive difference in the lives of women across the country and the world.



# Best Women Employees' of the year 2019

The Managing Director's office gave out the following statement "The Voltech Group recognizes and lauds this exceptional group of women, as we culminate another year of celebrating crowning achievements. These women are pioneers, influencers, educators, and celebrities in their own right, and they serve as exemplary role models for the youth of our era. These recipients were chosen for their outstanding services as evidenced by the interest, initiative and leadership they have demonstrated within the community of the Voltech Group. These women are citizens who live the ideals of the group's vision and mission in their daily lives. The grand luncheon we have organized on this day is a humble opportunity to honour their sizeable and substantial contributions towards the group. It is also a cause for celebrating and extending our appreciation to all our women employees."



Mrs. B. Shameena - DGM | MDO



Mrs. R. Indra - Manager | MDO



Mrs. M. Lakshmi Priya - Manager | MDO



Mrs. S. Sangeetha - Asst. Manager | MDO



Mrs. G. Usha - Sr. Executive | MDO



Mrs. R. Sasikala - Executive | MDO



Mrs. K. Revathi  
Sr. Secretary | ICD1 - VEPL



Mrs. N. Sangeetha  
Assistant Manager | ICD2 - VEPL



Mrs. E. Tamilselvi  
Assistant Manager | IC C&I - VEPL





*Mrs. S. Indumathi*  
Assistant Manager | IC IN2 - VEPL



*Mrs. Janani Natarajan*  
Sr. Engineer | IC SOLAR - VEPL



*Mrs. Kuralarasu*  
Assistant Manager | IC SOLAR - VEPL



*Mrs. S. Nirosha*  
Manager | ICM1 - VMCL



*Mrs. S. Hemageetha*  
Assistant Manager | ICM2 - VMCL



*Mrs. T. Sowmiya*  
Assistant Manager | ICM4 - VMCL



*Mrs. E. Yamini*  
Assistant Manager | ICM5 - VMCL



*Mrs. G. Sathya*  
Manager | ICE - VEPL



*Mrs. R. Vidya*  
Deputy Manager | ICE - VEPL



*Mrs. A. Sangeetha*  
Senior Manager | VHR5



*Mrs. J. Sangeetha*  
Assistant Manager | VHR5



*Mrs. Kalai Selvi*  
Senior Accounts Executive | VOMS





Marriage Celebration of  
**MD's Daughter:**  
**Dr. U. Nandhinee**





In a heralded symbol of diversity and richness of culture, where modernity and tradition blended perfectly into a seamless fabric, a fairytale regaled the beauty and splendour of a vastness of Tamil culture, as two souls, Ms. U. Nandhinee and Mr. S. M. Chandramohan recited their vows to an enchanted audience, encapsulating the delicacy and refinement of a new Indian millennia. With the grand reception held on the sparkling night of the 9th of February, and a traditional Tamil wedding ceremony on the 10th, the institution of marriage was made holy and sacrosanct for all to see, in a fascinating display of variety, style and degustation.

In accordance with the customs and culture of this great land, the bride and groom were dressed in their traditional attire, even as the theme of the wedding was reminiscent of the early Pandya era, showcasing beautifully crafted figurines and ancient symbols in an exuberant display of cultural splendour. With great attention to culture, customs, rituals and traditions, the wedding ceremony was divided into the pre-wedding and wedding ceremony held on two adjacent days.









Pre-Wedding day:

## The Reception on 9<sup>th</sup> February 2019

The red-carpet event on the 9<sup>th</sup> of February at the Ramachandra Convention Centre at Thiruvanniyur was without a doubt, a star studded event, as dazzling guests whipped out their snazziest wardrobe to showcase the looks of the season. With the groom leading the way in a classy jacket, and the bride in a chic saree, the night was awash with glamour, and looked the part with splendid after party outfits by incoming stream of guests. Some of the guests were very adventurous, wearing flashy, stylish colours in sequins and Swarovski crystals to boot.

The privileged girl and boy joined the lavish ceremony in a horse driven chariot as the sun slowly set on the horizon, with scores of women in the backdrop showering flower petals in their wake. As the band played out popular numbers, and the bandmaster synchronized the movements of his team as they swayed in perfect harmony, a kaleidoscope of beautiful colours illuminated the halls of the convention centre, with guests and visitors agape and dazed at the immaculate decorations which filled the massive hall, which could accommodate 5000 at a time. A beautiful Mercedes Benz car with the gift-wrapping stood still, shining just outside the buzz in the hall.

Both ladies and gentlemen alike sparkled as they walked inside the decked halls. Glimmering gowns and sarees, flashes of serene pearls and other priceless beads, and of course, the usual stalwarts from the group companies showing off their Elle Saabs, Givenchy Haute Couture Jackets and Daniel Hechter Shoes. All of Chennai's society and aristocracy were out in full force,

as they glided sleekly in a parade of elegant fashion. From couture sarees and gowns to suits and dapper tuxedos, both classic and avant-garde, there was no lack of eye-catching style.

Every employee of the Voltech Group who was present that day, was wearing suits and jackets custom made for them, and gifted by the Managing Director. The canvas of fine jacketing that moved in a maze across the expansive hall and the elaborate stage was a sight never to be forgotten. With over 3000 in attendance during the first 3 hours of the night, the night was indeed long and tenacious, leading the celebrations all the way into the early hours of the morning.

The banquet was a highlight of its own, revealing a rare fete of sumptuous delicacies from the South Indian heartland. Featuring an exclusivity of vegetarian delights, the event hosted truly exceptional culinary choices. The masterful and creative desserts took the guests on an unforgettable taste adventure. The highlight of the dinner was the gourmet dessert, which featured a medley of fresh fruits, with caramelised apples from Kashmir, vanilla custard, caramel sauce and oat crumbs. Of course, who could forget the delicious pistachio-covered ice creams with lemon thyme. And let's not overlook the Mousse and sorbet of wild dewberries, saffron panna cotta and brown butter sponge cake. A guest of particular distinction commented placidly about the chocolate silhouette with nougat.









## Wedding Day: 10<sup>th</sup> February 2019

The wedding day was a great celebration of love, and it was an epic ceremony. In an event that was filled with tradition and rich history, the priest performed the Pooja, as the groom, bride and bride's parents sat underneath the mandapam, which was a makeshift tent placed just for the purpose of the marriage.

The couple solemnized their marriage near a small fire set up for the ritual on the stage. The marriage ceremony lasted for more than an hour, and was conducted at the precise muhurtam which was the auspicious time decided prior hand for the ceremony.

As a ceremony drew to a close, the bride and groom took the sacred seven steps as a vow to support each other and live happily together. The groom applied the kumkum to the centre of the bride's forehead symbolising their marriage. The bride and groom

exchanged floral garlands, which were worn around their necks, to symbolize their acceptance of each other.

The wedding ceremony, which was completed a full hour before noon on the 10<sup>th</sup> of February, was attended by a crowd of more traditional guests, with many in Indian garments. The food and fanfare were prepared and served in accordance to the customs and beliefs of the Tamil Hindu culture.

The wedding was more about spiritual symbolism, rather than the style and splendour of the previous night. The Bride wore the full 9 yards of saree for the Pooja. A number of sumangalis were also present during the Pooja on the stage. The South Indian feast was served on a banana leaf. The departing guests were offered Fruits, coconut, flowers, paan supari & Organic sweets.



## National Safety Day 2019

The National Safety Week was flagged off throughout the country beginning 4<sup>th</sup> March, and the National Safety Day was also observed on the same day. Voltech led the campaign at all its offices and factory locations, alongside site locations both in India and overseas, emphasizing the importance of safety, increasing awareness of safety, and inculcating best practices.

The response to the campaign was very enthusiastic with active participation from all levels of the corporate, as the safety team led the initiative for much of the month of March. Special programmes were organized by the Chief Safety Officer and his team, through various channels such as interactions, videos and presentations to give employees a first-hand experience of safety hazards, and the damage it could cause both to the person as well as the company. The team particularly emphasized on the problems caused by industrial accidents, and the importance of safety legislation to ensure worker health and wellness.

Resonating with the national theme for 2019, which was "Cultivate and Sustain a Safety Culture for Building Nation" the week long programme from 4<sup>th</sup> of March to 10<sup>th</sup> of March hosted a number of unique and engaging campaigns. Safety outside the workplace was a key focus of this year, allowing the safety team of Voltech to focus on other core issues related to employee's lifestyles, bringing to discussion common problems that pose safety and health hazards in daily life.

During the week, scripted programmes such as fire-fighting techniques, usage of fire hoses and extinguishers, electrical safety, emergency first-aid and the use of safety tools and equipment were highlighted. The programmes were customized to fit the workplace and task protocols of each location. As part of sensitization training, personnel were exposed to examples of injuries sustained at various jobs and workplaces, and the enormous loss it created in the lives of those affected. Testimonials and other forms of feedback were also used as reinforcement techniques to hone in the point. The 5000+ employees of the group collectively took the safety oath at every location on the morning of the 4<sup>th</sup> of March.



Our MD hoisting the Safety Flag @ Voltech Eco Tower



The safety team also organized poster and painting competitions for adults as well as children to make safety a habit. Aside from these, badges, stickers, instruction cards, posters and other paraphernalia with EHS slogans and messages were given away by the safety team to all personnel employed in sensitive locations.

Industrial staffs engaged in the manufacturing plants were given special training on the training and examination of pressure vessels, lifting machines, chemical and electrical safety, risk-handling and assessment, fire control and first aid techniques. As a special measure, this year the Safety Team also conducted interactive programmes and awareness campaigns on Road Safety, Defensive Driving

techniques were particularly made the highlight of the event, as the Safety Officer went on to explain "Nowadays, a lot many of our staffs are commuting by two-wheelers. In major cities all over India, accidents are on the rise. Fatalities are in the range of millions annually. Our measure not only goes to help employees commute safer, but also give them sufficient training to render assistance to someone in case they witness an accident on the road."

The Chief Safety Officer issued a formal statement: "The Safety Team aims to eliminate preventable deaths and injuries at work, in homes and communities, and on the road through leadership, research, education and advocacy."



*Male employees taking pledge for a safety environment*



*Women employees taking pledge for a safety environment*



*Our Managing Director Mr. M. Umapaihi reciting the safety day pledge & speech*



# National Safety Day 2019 @ Domestic Sites



Siemen's Gamesa- Kayathar, ICD2 (AMC)



Siemen's Gamesa- Galaiga, ICD2 (AMC)



Siemen's Gamesa- Kayathar, ICD2 (AMC)



ABB- HVDC - Pugalur, ICD1 (HVDC)



GE- HVDC- Kurushetra, ICD1 (HVDC)



GE- HVDC- Kurushetra Road safety Week, ICD1 (HVDC)



Siemen's Gamesa- Kayathar, ICD2 (AMC)



ABB- HVDC - Raigarh, ICD1 (HVDC)



# National Safety Day 2019 @ Reliance, Jamnagar | IC C&I



Prize distribution



Prize distribution



Prize distribution



Safety awareness speech by Site manager



Prize distribution



Safety Pledge by our engineers and Site mangers.



Safety pledge at workplace





#### **About Market Prospects for ICIN in the International Division?**

The market prospects seem to be very promising compared to earlier years, as there is a tremendous increase in the infrastructure development activities across the Middle East & Africa regions, and this obviously increases energy consumption. So the primary step will be focusing on the capacity addition to power generation, transmission and distribution activities. These give us good business opportunities, as Voltech is well established for more than a decade in all ME countries as well as in Africa. Voltech spans almost 10 countries covering East, West, Central, South and North Africa. The growth is anticipated to be in multi-fold as the opportunities are very wide in the regions. Our team also has gained enough strength to actively execute projects directly with the public utility providers in the Middle East and African countries.

#### **About Future Strategy for Voltech in Africa?**

As stated above, there are a number of opportunities and at Voltech we are upgrading ourselves to become an overall solution provider rather than a service provider. This gives the customer flexibility in choices. This kind of tailor-made approach also makes them more comfortable in working with us. With the vision of our Chairman of having our bases established in at least 30 countries in Africa, we are now exploring countries with potential matches to our business strengths. In future, we shall be well placed in this sector, where every branch in each country will be adding value not only to the Voltech group but also to the country they are established in.



# The Director's PERSPECTIVE!



## An Interview with **Mr. S. Vasanth**

Director & Head - IC IN 1 | Voltech Engineers Pvt. Ltd.

“ S. Vasanth took over as Director at the helm of affairs at the Voltech Group from April 2019. IC-IN1 made steady inroads into the Middle East and African markets.

In an interview with Vista, Mr. S. Vasanth, 37, shares his vision for IC-IN1 and about the future of the energy industry. He talks about the next phase for the company, synergies with international blue chip companies and corporates in the world market, and getting Voltech's business to be investment ready. A long time technical and marketing guru of the Voltech Group, Vasanth built his career starting as a Trainee Engineer back in 2002. His rise through the company's ranks has been phenomenal. With his recent elevation as Director, he is now poised to tackle greater challenges. ”

### 🗣️ About current trends in the Middle East and African market for ICIN1?

As I said earlier, the current trends are very positive. While talking about Middle East- as everyone knows crude Oil & Gas plays a major role in their economic strength, the increase in the oil prices and also the reserve prices of gold, hydrocarbon, etc., are allowing the people to invest more on alternate resources aside from the Oil & Gas industries. These are now becoming the modern branches of the new Middle Eastern economy. Our business & technical interests are very closely linked to these sectors.

The recent shift of focus for developing alternative energy resources such as Solar, Wind, Sea and Tidal energy allows us to play a major role in the area, as we have enough expertise to commission the systems according to internationally acclaimed standards.

Further, the regions are effectively planned in the development of various infrastructure, with various international programs on the horizon:

- UAE - Expo 2020
- Qatar - FIFA 2022
- KSA - Vision 2030
- Kuwait - Vision 2035
- Oman - DUQM Development & Tourism Development

Apart from the above countries, we are now established in Iraq, which is becoming a promising destination for future business. Iraq is now stabilized, and there is huge scope for both rehabilitation projects and Greenfield projects. The industry majors are investing multi-billion Dollars in the Power Sector and already there are many co-operation agreements being signed between these companies. We foresee at least for the next 5 years that Iraq will be an eventful market.

While talking about Africa, the market is opening up and a lot of new international grid interconnections are being signed. Many projects are being rolled out. This gives us tremendous opportunities to exploit. Also, most of these countries have a positive approach to their infrastructure developments, with numerous projects in the pipeline throughout Africa.

Furthermore, most of the developed countries are showing their interest in the African market. A lot of grants and other lines of credit are being established. This also in turn, boosts the economies by adding new SEZ's, and other industrial sectors where it meshes perfectly with our technical capabilities and interests.





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## The Director's PERSPECTIVE!

An Interview with  
**Mr. S. Vasanth**

Director & Head - IC-IN | Voltech Engineers Pvt. Ltd.

### About the Success of IC-IN in the international market!

IC-IN is one of the biggest divisions in at Voltech, both by commercial viability and geographic reach. We are acting as a single gateway to the entire group, working as an ambassador for Voltech's other companies. We are receiving enormous support from our other divisions and sister concerns. We are now more confident of executing any kind of project successfully within a stipulated time frame with the highest levels of professional conduct.

IC-IN is a division where we deal with people across the globe of various cultures, languages, ideologies and economic conditions, and this gives us substantial exposure. We have completed many prestigious projects, and we'd like to name a few of the recent ones:

- Entire power plant commissioning, O&M activities at 2 x 120MW Kinyerezi phase II combined cycle power plant through M/s. TSPSC at Tanzania.
- ETC of 66/33/11kV Nkula substation and 66/33kV Fundis cross substation at Malawi
- Record time mobilization (within 10 days) & completion of turnaround job at Salalah, Oman, totalling around 160 personnel.
- Single mega order of Testing & Commissioning services of around 45C INR at Qatar, etc.
- T&C of 132/11kV substations in DEWA network at UAE
- UZ750 Island field development project at UAE

### About ICIN Growth Plans

IC-IN team has great support from all levels of the Voltech corporate structure. To others within our organization, we are seen as an elegant and elite young team. IC-IN boasts seamless co-operation and co-ordination which makes our team stronger. Cumulatively, our collective results are also highly appreciated. With our unity, strength and support, we have huge plans of creating value addition not only in terms of revenue, but also in establishing the brand Voltech in the international market.

Very soon, the entire world will be aware of Voltech and its quality solutions. Falling in line with our Chairman's dream in the near future we are pursuing a target of operating in not less than 50 countries and also with the top line of at least Indian rupees 10 billion. Providentially our team are fully equipped for this and we know that sky is our limit!

## HR Induction Training @ Voltech Eco Tower

VEPL's HR Department has announced that 60 candidates have successfully completed the weeklong intensive in-house training programme during the January-March period at Voltech Training and Skill Development centres located at Ecotower, Parur and Kovur. The training programme is the crucial inductor into the Voltech corporate sphere, and sensitizes candidates to making an effective transition from student life to a highly-powered engineering workplace. The training programme is committed to providing every aspiring participant an opportunity to acquire the best skills in the industry and contribute to India's economy and grow with the nation.

The "Know Voltech" programme introduced participants to the world of Energy and power, in addition to the exposing them to the underlying technologies and their application 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 schedule used a multifarious combination of teaching approaches, including case-management approaches that are tailored to address individual deficiencies and enable better application of knowledge.



The AGM - HR briefing about Company's policy

The participants, in addition to engineering skills based training, also received soft-skill development modules, information about the market and economy, assessment of individual job skills, training/retraining certification, and a host of other practices now deemed necessary in the professional environment. The engineers also received workplace sensitization training, education on preventing sexual harassment and prevention of discrimination.

The trainees were also given a whirlwind tour of the entire Voltech world, right from its inception, to the dozen companies and entities which it operates today. The know-Voltech programme over the years has expanded in size and substance alongside the company, and has come to occupy a very large part of the introduction to the company's environment. Says the HRD, E. Kumaresan, "Our trainings are holistic, in the sense that they address problems beyond the technical attributes of the training. Our intention is to create an agile organization that can see faster innovation, better employee morale and an ability to attract and retain the best talent. The training is a very important aspect of acclimatizing the participants to change, to ensure that the workplace is accommodative to change, communicate more effectively, and remain a melting pot of great ideas."



De-Briefing session





Group picture of Engineers with Mr. S. Manikandan - Director | VOMS & Mr. E. Kumaresan - AGM | HR



Group picture of Engineers with Mr. M. Babu - Executive Director | VOMS & Mr. E. Kumaresan - AGM | HR



Group picture of Engineers with Mr. K.S.V. Vijayan - Executive Director | VOMS & Mr. E. Kumaresan - AGM | HR



# Occupational Health & Safety Training @ Voltech Eco Tower

With a revised risk-assessment program in place to evaluate hazard and safety procedures across all Voltech sites worldwide, the Safety Team led by the Chief Safety Officer (CSO) studied workplace behaviour and working habits very carefully to evaluate the business risks and needs of the group. Threat assessment studies revealed areas and jobs where employees were most at risk. Consequently, control and mitigation measures were rolled out systematically to address, remove and minimize the risks involved.

The CSO gave a brief outline of the year's work. "As you know, with 31<sup>st</sup> March, our financial year is ending. In the past year alone, we conducted 78 training programmes. Aside from these, 10 were OHS induction programmes for new recruits. Our work involved close to 830 man hours of instruction and training, and 61 observation activities at our sites. There were 15 near-miss incidents reported in the last year. For 2019-20, we are trying to bring that figure down to low single digits."

The safety team used a curriculum of EHS, HR and OHSAS compliant courses which were tailored to site specificities to

increase employee engagement and reliability. State-of-the-art programmes were delivered through a wide variety of channels. The training programme was also streamlined to ensure that participants could actively comprehend and follow, regardless of educational background or position within the organization. The programmes were also tweaked for convenience and reducing downtime at sites. Training for specific equipment and site procedures was followed for certain international locations. Training materials and other reminders were also circulated to all sites for placement at residences as well as site positions.

The AGM-HR commented "Workplace injuries and illnesses cost India billions every year in employee absence and costs. Aside from the cost implications, it's vital for Voltech to maintain a happy and healthy workforce. This way, we are able to attract and keep the best talent. We make every provision in the workplace to keep employees protected. However, safety is partly a personal effort as well, and this aspect needs to be habituated."



OH&S Induction program @ Corporate office



Post Assessment Session



OH&S Induction program @ Corporate office



OH&S Induction program @ Corporate office



# பக்கிபி பஃப்திபுபிபி!

தொண்டை நாட்டு கைக்கோளர் சூழ - தண்டைக்குழல் மின்னிப் பளபளக்க பண்டைய  
பண்புகளோடு - செண்டை நாதமென - வெண்டை செடியென வளர்ந்தவள் இளையவள்!

பாண்டி நாட்டின் அங்கமென - செட்டி நாட்டின் தங்கமென

மோகன புன்னகையுடன் கனாக்களோடும் - வினாக்களோடும் வளர்ந்தவன் பெரியவன்!

பொறியியலும் மருத்துவமும் இதழ் மலர்ந்தனவோ?

காமாட்சி தேசமும் மீனாட்சி தேசமும் நேசம் கொண்டனவோ?

சிவன் தலை கங்கையும் - அவன் சூடிய பிறையும் மையல் கொண்டனவோ?

அன்பு - பாசம் - பரிவு - ஈர்ப்பு யாவும் ஒன்றாகி காதலென சங்கமித்தனவோ?

கார்த்திகையில் நிச்சயித்து - தையில் மாங்கல்யம் கோர்த்து

பலவாயிரம் மக்கள் வாழ்த்தி களைத்த பெருவிழா அது!

தஞ்சை ராஜ ராஜ கோபுரமும் - தாமரை தடாகமும்

திருக்குறளும் - புறநானூறும் ஒங்கி மிளிர்ந்த அரங்கம் அது!

சைவ வழக்க முழக்கங்களோடும் - வைணவ சோளிங்கர் மாலைகளோடும்

நாத்தீக வாழ்த்துக்களோடும் வரம்புகள் கடந்து ஆசிர்வதிக்கப்பட்ட தருணம் அது!

சமூகம் சூழ - உறவுகள் மொய்க்க - குடும்பத்தினர் குதூகலிக்க - நண்பர்கள் தோல்கொடுக்க

அரசினர் ஆதரிக்க போனி ரதம் பூட்டி மணமக்களை வரவேற்ற நிகழ்வு அது!

மாதம்பட்டி அன்னத்தோடும் - இழைத்துருக்கிய மெல்லிசை தேன் கிண்ணத்தோடும்

பல்வகை வண்ணங்களோடு மறக்கவியலா எண்ணங்கள் பூத்த வைபவம் அது!

#சநன் திருமணம் - #சந்திர சூரிய விவாகம் - போல என்னென்ன பெயர் சொல்லி

அழைப்பினும் - எங்களுக்கென்றென்றும் எங்கள் மன்னன் மகள் திருமணம் தானே அது!

## Employees Corner

# The Social Enterprise

## A Higher Level of Accountability - Mr. E. Kumaresan, AGM - HR & IR

Social Enterprise is a word used to denote an organization which focuses on the need to respect the environment and uphold the network of its core group of stakeholders, aside from its mission of revenue growth and profit making. The organization in this case demonstrates behaviour and actions that mimic a conscientious citizen, in being a role model for others, listening to and responding to the changes driving the contemporary world. Most crucially, this organization supports a strong network which enables high levels of collaboration at all levels.

Organizations of the present age must measure their success based upon impact on society, such as addressing income inequality, diversity, and protection of the environment. These problems have not been solved at the present time despite efforts being made to address it. At this point, it becomes imperative to distinguish and explain clearly the difference between Social Enterprise and CSR. They are quite different in objective and scope. The effect of designing social impact programs are also not within the defining purview of a social enterprise. Herein, the difference must be gauged perceptibly.

Social Enterprise is about an organization's general behaviour towards its internal and external stakeholders, and not just about its procedures, policies and practices. The Social Enterprise works to improve the conditions of its workers, customers and communities where it thrives. This is at heart, a 'reinvention' of many of the conventional aspects which shape the behaviour and character of business organizations. Thus a social enterprise is not just about profits, but about wellbeing and vitality to the organization's environment.

## Human Principles for the social enterprise : Benchmarks for reinvention

Design principle	What it means
Purpose and meaning	Giving organizations and individuals a sense of purpose at work; moving beyond profit to a focus on doing good things for individuals, customers, and society
Ethics and fairness	Using data, technology, and systems in an ethical, fair, and trusted way; creating jobs and roles to train systems and monitor decisions to make sure they are fair
Growth and passion	Designing jobs, work, and organizational missions to nurture passion and a sense of personal growth; affording people the opportunity to create and add their own personal touch
Collaboration and personal relationships	Building and developing teams, focusing on personal relationships, and moving beyond digital to build human connections at work
Transparency and openness	Sharing information openly, discussing challenges and mistakes, and leading and managing with a growth mindset

Source : Deloitte Global Human Capital Trends Survey, 2019



## The Fourth Industrial Revolution: Focusing on the Human

The Digital Revolution is disrupting the traditional patterns of the political, economic and social fabric of the world, as technologies are becoming more embedded within societies and the human being. Work styles have changed, work patterns have changed. Advances in communication and connectivity have redesigned and redefined the workplace and social milieu of the present generation of workers. People are more connected than ever, as businesses become more efficient, and organizations are driving towards sustainable initiatives to ensure optimal asset management and preservation of the natural environment.

Labour, regulatory and community based activities are being re-written to accommodate the waves of changes impacting the digital workplace. Problems like income inequality continue to affect the divide of the chasm of the rich and poor, even as disparities of pay within organizations have become major points of contention. The income differences among developing and developed countries have also magnified. These changes have necessitated organizations to reinvent.

The human suffers through these changes. Stress and mental pressure have become chronic problems. Prolonged working hours, family problems and financial issues are driving more and younger generation workers to suicide. Short-term work contracts have replaced the earlier permanent employment systems of organizations owing to the changes in the world. The impact of automation, robotic technologies, artificial intelligence, biotechnology, Internet-of-Things (IoT), 3D Printing and autonomous vehicles are but a small peek into the massive disruptions of the future. These will change life as we have known and seen it.

Organizations must therefore be guided for the process of reinvention to protect the interest of their employees. This requires a set of human principles for the social enterprise, because humans come first. The principles, advocated by Deloitte in a ground-breaking whitepaper published in 2019 can help organizations measure actions and business decisions that can impact people.





**Employees Corner**



**Art by**  
**Mr. J. Navin Nixon**  
*Asst. Manager - IC&I*

*Nixon*

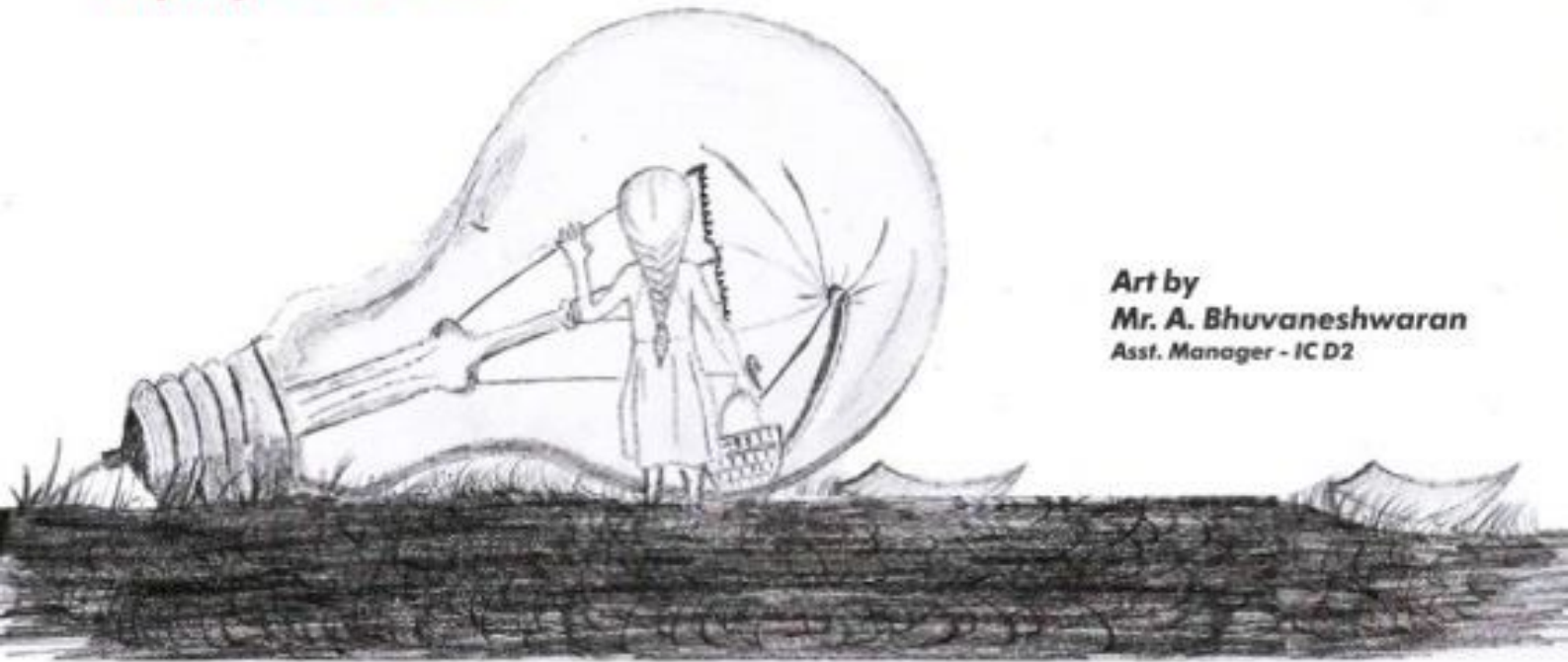




## Reverse Glass Painting

by  
**Mrs. S. Hemageetha**  
Asst. Manager - ICM2

## Employees Corner



Art by  
**Mr. A. Bhuvaneshwaran**  
Asst. Manager - IC D2

## Wedding Bells



Groom : Mr.P.Sathish Kumar - Asst.Manager | Malaysia | IC IN2  
Bride : Mrs. C.Geeltha  
Marriage Date : 21-01-2019



Groom : Mr. S.K. Manikandaprabu - Sr. T&C Engineer | ICIN1  
Bride : Mrs. R. Raji  
Marriage Date : 23-01-2019



Groom : Mr. K. M. Annamali - T&C Engineer | IC IN 1  
Bride : Mrs. Gnanambal Meyyapan  
Marriage Date : 10-02-2019



# Wedding Bells



**Groom :** Mr. M. Ganesh - T&C Engineer | ICINI  
**Bride :** Mrs. Muthamizh  
**Marriage Date :** 10-02-2019



**Groom :** Mr. K. Krishna - T&C Engineer | ICINI  
**Bride :** Mrs. S. Sai Rachana  
**Marriage Date :** 13-02-2019



**Groom :** Mr. D. Marimuthu - T&C Engineer | ICINI  
**Bride :** Mrs. Prabha Shivani  
**Marriage Date :** 18-02-2019



**Groom :** Mr. R. Guruprasath - T&C Engineer | ICINI  
**Bride :** Mrs. Deepa Lakshmi  
**Marriage Date :** 17-03-2019



**Groom :** Mr. Manas Ranajan Rout  
 Safety Supervisor - Tata Steel Ltd. | VOMS  
**Bride :** Mrs. Samita Rout



**Groom :** Mr. Anil Kumar Nath  
 Sr. Tech. - Tata Steel Ltd. | VOMS  
**Bride :** Mrs. Anita Bai



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