

RUCHA KALEIDOSCOPE

Rucha Engineers Pvt Ltd

May 2021 Issue # 22



25 YEARS
AND STILL
GROWING

www.rucha.co.in

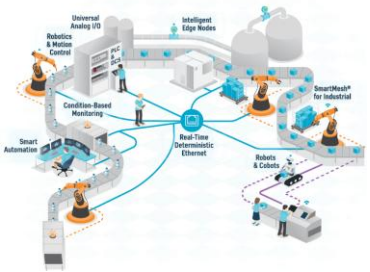




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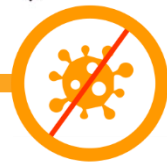
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AWARDS, APPRECIATIONS & FELICITATIONS



HEARTIEST CONGRATULATIONS TO MR. SACHIN PATIL & MR. ATUL HASE FOR SUCESSFULLY COMPLETING PSCR AUDITOR TRAINING COURSE.

We are happy to inform you all that **Mr. Sachin Patil & Mr. Atul Hase** from Plant V are qualified as a “Product Safety & Conformity Representative” in course conducted by TUV SUD South Asia Pvt. Ltd at Pune on 20th & 21th May 2021.

About the Course : It is a 16 hours exclusive training. The Product Safety and Conformity Representative (PSCR) Training aims at training the product safety representative and providing him/her the necessary qualification and understanding to make the person competent enough to explore the various aspects of product integrity. Its Minimum passing criteria was 70% and the participant has to face written & oral exam to get this certification.





AWARDS, APPRECIATIONS & FELICITATIONS



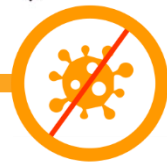
CONGRATULATIONS TO MR. AMOL GIRME & MR. JIGNESH SHAH

A company is recognized by it's employees and we, at Rucha have always been fortunate to have diligent and hard working employees who are continuously striving for the company's bright future. This month we are appreciating Mr. Amol Girme, Plant I and Mr. Jignesh Shah, Plant II for their excellent support and contribution in creating brand awareness for the company. Thank you and many congratulations for receiving the certificate.





AWARDS, APPRECIATIONS & FELICITATIONS



CONGRATULATIONS PLANT III & X TEAM

Plant III & X has consistently maintained Zero Customer complaints & Zero QSR PPM. Adding to these appreciations, Plant X has also achieved the gold rating for quality as per TVSM standards.



Following activities are adopted to maintain the QSR PPM zero:

- Strict Vigilance of Inward Inspection Component wise
- Rigorous Training given to new inspectors and upgrading the skill of inspectors.
- Mock audit for test of the inspector.
- Zone inspection for hidden assembly or parts.
- Daily Poka yoke audit.
- Process parameter audit.
- Daily IHR analysis and actions on IHR issue.
- Mock Audit at PDI stage.
- Follow the applicable Quality 20 basic systems.
- Sustenance monitoring of IPO Check Sheet through 3 layer audit.
- Q- Kaizens on improvement points.
- HD Best practices Implementation, which are suggested by Customers etc.

Congratulations to every member & all the best to them for their upcoming challenges!!!

ROBOTICS IN HEALTHCARE: APPLICATIONS

The series starting with this blog was chosen by you – our readers and followers. Thus, we are extra excited about sharing interesting information through the upcoming blogs. We shall be talking about the confluence of 2 industries that are heavily trending at the moment. Robotics and healthcare! Hope you find the series engaging.



The stress on greater precision in surgeries, better management of patients and hospitals, and reducing human errors in treatment keeps pushing the healthcare industry to adopt newer technologies. One such technology is robotics. The use of robotics in healthcare can be traced back to the 1980s when used for precise positioning of the cannula for brain biopsies. Over time, its applications diversified and opened new doors for integration with patient care. In this blog, we shall look at four typical applications of robots in healthcare. The following blog will share five more applications. Read on!



Robots in Surgery:

Robotic involvement in surgery can be of two types: active and passive. Active robots use programming and visual data to conduct surgery remotely by a surgeon, while passive robots require direct control by a surgeon. In the latter case, robots only provide surgical assistance.

ROBOTICS IN HEALTHCARE: APPLICATIONS

Robot-assisted surgery offers greater control, precision, and flexibility to surgeons. Advantages over non-robotic surgery include fewer complications, lesser loss of blood, and a quicker recovery period. It also can benefit doctors by reducing their fatigue which is common in lengthy and complex non-robotic surgeries.

In many new-age surgeries, such as Laparoscopic and Spine, minimal invasion is made possible due to remote-controlled surgical devices. Miniature cameras lead the surgical instruments through a small cut on the body; surgeons can view and perform the entire surgery using a console.

Auxiliary Robots for assistance: Laborious tasks such as restocking and cleaning take up a lot of time that nurses can utilize for better patient care. Robots can restock medical items, transport them from one place to other in a hospital, and spray disinfectants and cleaning agents across the facilities without any human intervention. Check out how Yantra's robot, Vighnaharta, helps a hospital manage the cleaning and transport of material (https://youtu.be/Sn8e_ZCTMFQ). Robots can help them automate such tasks and focus on activities that require specific human traits such as decision making, creative solutions, care, and empathy. With advancements in robotic technology, repetitive tasks such as drawing blood, checking vitals, and continuously monitoring patients' conditions can also be 'robotized.'

Robotic Exoskeletons:

Robotic exoskeletons are wearable electromechanical augmentative devices that enhance the physical performance of the wearer or are used as orthotic devices for rehabilitation or locomotion assistance. They can help a person walk and hold things again post-paralysis.

ROBOTICS IN HEALTHCARE: APPLICATIONS

Robotic exoskeletons lead to decreased chronic pain and reduced energy required by the wearer to move joints as the load shifts onto the exoskeleton. Overall they act as a lifeline and provide a sense of freedom from chronic physical ailments.

Robots for maintaining hospital hygiene:

Recently robots have been programmed to disinfect hospital premises where infections need to be controlled. Apart from spraying disinfectants and cleaning agents, some mechanical robots also emit ultra-violet light to disinfect surgical rooms and care homes. The robots produce UV-C rays ranging from 250 to 280 nanometers that kill viruses and bacteria without using chemicals. Given the onslaught of Covid-19 infection, an increasing load of work on hospital staff and the need to disinfect premises regularly have brought robotic assistance to the forefront. From now on, we shall see a lot of robots being used for these purposes (check out how Yantra's sanitation robot works <https://youtu.be/2VA72G0I-Uo>).

Yantra specializes in indigenous designing and development, and manufacturing of standard and tailor-made mobile robotic systems. During the initial stages of the pandemic, we felt we needed to contribute using our knowledge and expertise; thus, we developed a robot aimed explicitly at helping hospitals manage the pandemic better

We shall continue to develop robots that help various industries automate their tasks and improve performances. The emergence of robotics in healthcare has resulted in an enhanced healthcare system by making complex



ROBOTICS IN HEALTHCARE: APPLICATIONS

Robots for Drug Development : Robots are helping us in the forefront and are also deployed in drug development and research of medicines. Industrial robots are widely used in the pharmaceutical supply chain for assembly, quality inspection, and packaging. Pharma companies use robots to automate various processes required for drug development.

With the help of robots, companies can conduct faster medical trials for patients, meet the increasing demand for medicines, and maximize production efficiency. Also, the use of robots minimizes the risk of human contamination, which is a critical factor.

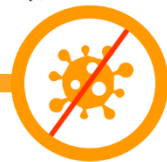
Robots for therapeutic massages : Robots can even relieve body pain by providing therapeutic massages soon. They shall be used, especially in sports injury rehabilitation and pain management, and prove extremely useful for athletes. They are capable of highly articulated movements and have advanced pressure sensors for the total comfort of patients.

The scope of robotics in healthcare has gone beyond one's imagination in the past 15 years. It will continue to create headlines in the coming years. We, at Yantra, specialize in indigenous designing and development and manufacturing of standard and tailor-made mobile robotic systems. During the initial stages of the pandemic. We felt we needed to contribute using our knowledge and expertise; thus, we developed a robot aimed explicitly at helping hospitals manage the pandemic better. Check out how Yantra's robot, Vighnaharta, helps a hospital manage the cleaning and transport of material (https://youtu.be/Sn8e_ZCTMFQ).





SPECIAL PROJECTS, EVENTS & AUDITS



VW TEAM VISIT AT PLANT V

Mr. Roman Peterka - Director, Quality from Skoda Auto Volkswagen India visited REPL Plant V in Chakan, Pune. During the time of visit, Mr. Peterka was briefed with the process flow of the critical components and also provided with the tour of our facility.



PLANT IV : ISO 9001, ISO 14001 & ISO 45001 SURVEILLANCE AUDIT

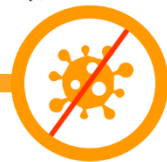
ISO 9001, ISO 14001 & ISO 45001 Surveillance Audit has been carried out By Mr. Pravin Saljoshi "The British Standards Institution" i.e. BSI for Plant IV is cleared though common team efforts.

As we have successfully cleared this Audit, these plants are also recommended for continuation of certifications.

Congratulations to every members who were part of this Audit !!!



SPECIAL PROJECTS, EVENTS & AUDITS



MD SIR'S EXPERT TALK

Expert Talk is an initiative by E-Growth - The Opportunity Network, which encourages the audience to think about the importance of planning their business and then pursuing their dreams rather than just jumping into it. Our MD sir was invited to share his insights in their special session on Covid, Automotive and Way Forward.

In the Expert Talk, he spoke about the COVID pandemic and how it has affected the industry, current scenario and future of the Automotive Industry and Way forward from this difficult situation. The talk show was interesting and informative with effective learning outcomes

EXPERT TALK



COVID, AUTOMOTIVE & WAY FORWARD

Mr. Umesh Dashrathi
MD – Rucha Engineers Pvt.Ltd
Board Member – Marathwada Auto Cluster (MAC)
VP – Maharashtra Chamber of Commerce,
Industry & agriculture (MACCIA)

TUESDAY, 25th May, 07:00 pm IST

**622 633 944**





SPECIAL PROJECTS, EVENTS & AUDITS

ROHIT SIR ON FACEBOOK LIVE WITH SAKAL TIMES

Sakal Times is a very well known news and media brand all over Maharashtra. Their Marathwada edition completed 22 years. On this special occasion, **Rohit Sir** was invited to conduct a Facebook Live session on Second Generation entrepreneurs. He spoke about his inspirations, experiences and learnings after joining Rucha group. He also shared the challenges faced by the younger generations while joining family run or pre-set up businesses and his tips & tricks to overcome those challenges.

One can watch the entire Live session on the Facebook page of Sakal Times. Alternatively you can also click on the link below to watch the highlights of the session.

<https://www.linkedin.com/feed/update/urn:li:activity:6805124478729773056>





TRAINING & DEVELOPMENT



**"I grow not because I know, I grow because
I learn ..."**

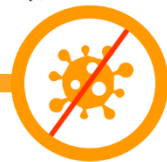
Below are the trainings arranged for our employees relevant to their work areas.



| Sr. No | Training Topic | Participants |
|--------|---|--------------|
| 1 | 'Mechanical Design and Validation Testing. | 20 |
| 2 | SPC Training | 12 |
| 3 | Benefits of six sigma for your Organization | 64 |
| 4 | Leadership and Coaching in the Hybrid world | 07 |
| 5 | Core Tools Of Quality | 66 |
| 6 | Know Your Product | 14 |
| 7 | BAL Guidelines & System | 25 |
| 8 | VDA 6.3 Awareness | 17 |
| 9 | Awareness Training on ISO 9001 : 2015 | 08 |
| 10 | Product Safety & Conformity Representative | 02 |
| TOTAL | | 235 |



TRAINING & DEVELOPMENT



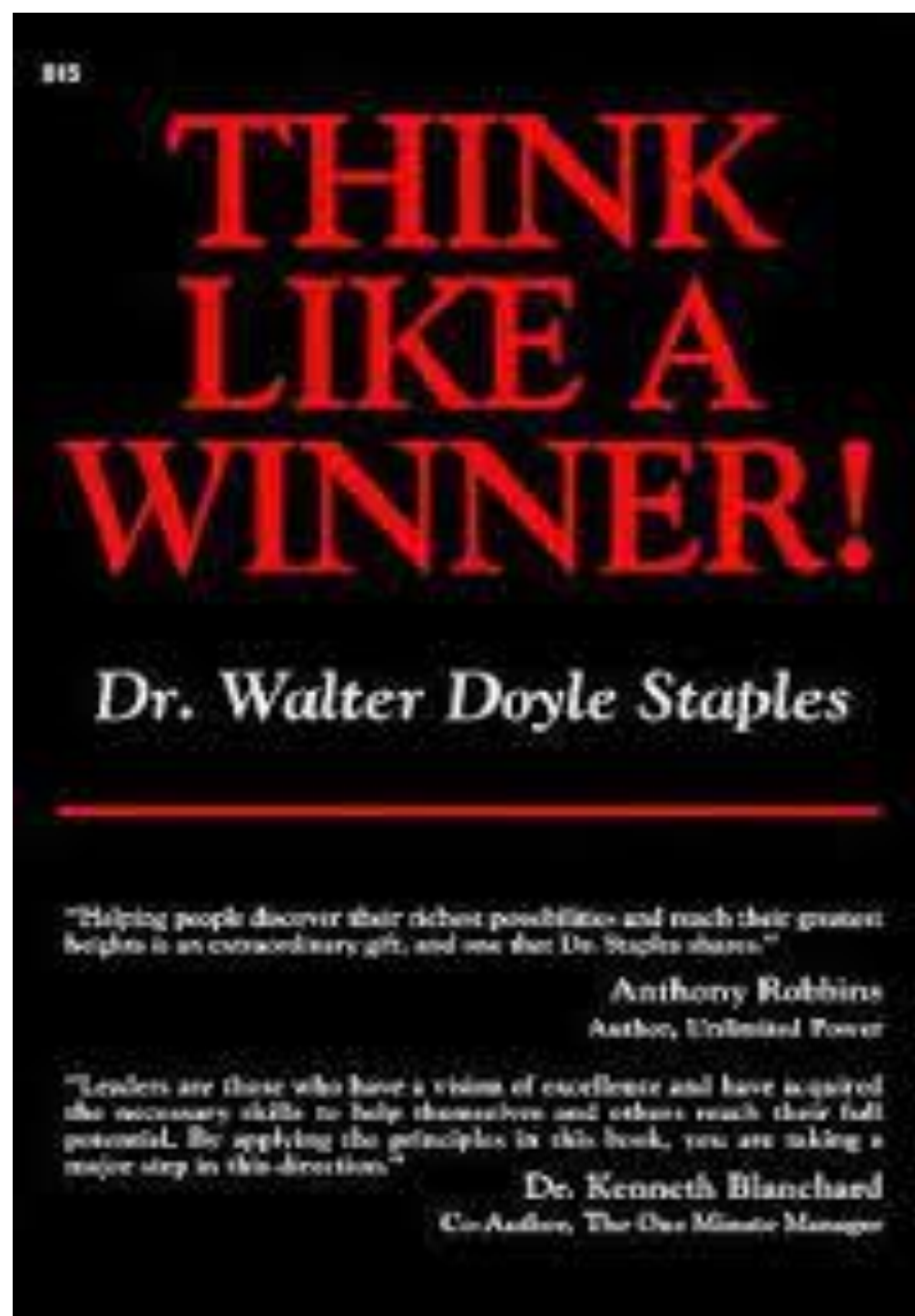
POPULAR BOOKS AVAILABLE AT OUR LIBRARY...!! SUGGESTED TO READ

This book is a Translated Marathi Version of “Think Like A Winner” by Dr. Walter Doyle Staples . The book story tells that nothing is more exciting than the realization that you can accomplish whatever you want.

Introduction: This book is an all-encompassing encyclopedia that brings to the fore the idea of success, the term, and can benefit anyone who carries these ideas into their lives.

“Think Like A Winner” is an intelligent inspirational book . It contains all the practical formulas to liberate the talent.

If You wants to get the result like winners, you have to think like the winner first.



Happy reading.....!! Explore many such worthy books of your choice through our Library Management System, available on Rucha portal.

https://www.rucha.co.in/portal/index.php/LMS/LMS_cntr/user_DashBoard



MOTIVATION & PERSONALITY DEVELOPMENT

MOTIVATIONAL STORY : BE KIND TO OTHERS EVEN IF IT HURTS YOU



“In the days when an ice cream sundae cost much less, a 10 year old boy entered a hotel coffee shop and sat at a table. A waitress put a glass of water in front of him.

‘How much is an ice cream sundae?’

‘50 dollar,’ replied the waitress.

The little boy pulled his hand out of his pocket and studied a number of coins in it.

‘How much is a dish of plain ice cream?’ he inquired. Some people were now waiting for a table and the waitress was a bit impatient.

‘35 dollar,’ she said brusquely.

The little boy again counted the coins. ‘I’ll have the plain ice cream,’ he said.

The waitress brought the ice cream, put the bill on the table and walked away. The boy finished the ice cream, paid the cashier and departed.

When the waitress came back, she began wiping down the table and then swallowed hard at what she saw.

There, placed neatly beside the empty dish, were 15 dollar – her tip.”

COVID - 19 VACCINE

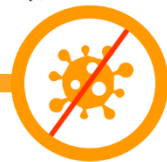
SAFETY IS A TOP PRIORITY, AND THERE ARE MANY REASONS TO GET VACCINATED

- COVID-19 vaccines are safe and effective. Based on what we know about vaccines for other diseases and early data from clinical trials, experts believe that getting a COVID-19 vaccine also helps keep you from getting seriously ill even if you do get COVID-19.
- Getting vaccinated yourself may also protect people around you, particularly people at increased risk for severe illness from COVID-19.
- After you are fully vaccinated for COVID-19, you may be able to start doing some things that you stopped doing because of the pandemic.
- Getting COVID-19 may offer some protection, known as natural immunity. Current evidence suggests that reinfection with the virus that causes COVID-19 is uncommon in the months after initial infection, but may increase with time. The risk of severe illness and death from COVID-19 far outweighs any benefits of natural immunity. COVID-19 vaccination will help protect you by creating an antibody (immune system) response without having to experience sickness.
- **You should keep using all the tools available to protect yourself and others even after you are fully vaccinated.**





COVID - 19 PROTECTION



We all know that the current situation is challenging for everyone. This is a humble attempt from the leaders of Rucha, to motivate the employees.

The most important key is to keep calm and happy mind, keep doing your work and we will all survive this.





RESPECT

Honor for
Dignity &
Sanctity

URGE

To strive for
Innovation and
Excellence

CONFIDENCE

To welcome
and Embrace
Change

HONESTY

Stand for
Truth and
Transparency

AMBITION

Strong Drive
for Growth



CORPORATE OFFICE

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Building Bright Future
with **Green Commitment**