

# RUCHA KALEIDOSCOPE

Rucha Engineers Pvt Ltd

January 2023 Issue # 40



25 YEARS  
AND STILL  
GROWING

[www.rucha.co.in](http://www.rucha.co.in)





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## AWARDS, APPRECIATIONS & FELICITATIONS



**Inhouse award distribution for**

- 1) Best Kaizen**
- 2) Best Employee**
- 3) Best Operators**
- 4) Best Quality Inspector**
- 5) Best Performer of the Month , Done over Rucha Group.**







# Robotics In Warehouse Management

As a new series of Rucha Yantra's blogs begins, we will delve into Robotics in Warehouse Management. We hope you find it useful. Using robotics in warehouse management is transforming how Company store and retrieve goods. The main motives behind doing so are improving efficiency and reducing costs.



Robotic technology offers a range of benefits, from reducing human labor to increasing accuracy and speed in order fulfillment. This article will focus on the benefits of adopting robotics in the warehouse and its historical evolution.

### History: The first use

The use of robots in warehouses has been in practice since the 1960s. This is when Unimate, one of the first industrial robots, was used in a General Motors factory. This robot was used to lift and move heavy automobile parts, and it also marked the beginning of the use of robots in manufacturing. In the following decades, robots were used, majorly, in manufacturing plants. But their use in warehouses began to increase in the 1990s. The introduction of automated storage and retrieval systems (ASRS) in warehouses was a significant step forward in developing robotics in warehouse management.





## TECHNICAL BLOGS

These systems used robots to move and retrieve products from storage leading to improved efficiency and accuracy.

Over the years, the complexity of robots has increased, and they can perform far more complex functions, making the job of warehouse manager further easier. Such complexity has been possible due to the development of complimenting technologies such as Machine Learning and AI.

Today, many industries, including retail, manufacturing, distribution, etc., deploy robots in their warehouses.

The Amazon fulfillment center is one of the most significant examples of robotics in warehouse management. Amazon uses robots to help pick and pack items for shipment, increasing efficiency and reducing labor costs.

### **The Benefits**

The use of robotics in warehouse management offers a range of benefits, including:

- Improved efficiency: Robots can perform tasks such as moving products and picking items much faster than humans. This increases the efficiency of warehouse operations.
- Reduced labor costs: By automating tasks that humans did, warehouse robots can reduce the need for labor and lower labor costs.
- Increased accuracy: Robots can be easily programmed to perform tasks with high precision. This can reduce the risk of errors and improve accuracy.
- Flexibility: Robots can be easily reprogrammed to perform new tasks as needed. This allows warehouse operations to adapt and change quickly.
- Scalability: Scaling is easily achieved as required (increase/decrease) when using robotics. This makes it easy for companies to adjust their operations as their business grows or changes.





## TECHNICAL BLOGS



### Conclusion

According to a report from the Boston Consulting Group, the use of robots in warehouses is set to increase by 25% by 2025, and the global market for warehouse robots is expected to touch \$260 billion by 2030. Given the many benefits robots offer in warehouse management, the above trends shall surely come true.

Rucha Yantra's Automated Guided Vehicles are designed for the automatic and efficient pick-and-place of material on the shop floor and in warehouses. Check out our range of AGVs [here](#).

Stay tuned to Rucha Yantra's Knowledge Corner as we discuss robotics in warehouse management in our upcoming blogs.





## SPECIAL PROJECT, EVENT & AUDITS



**Health Check up drive at our Plant 1007 on 04<sup>th</sup> Jan 2023  
& at Plant 1005 on 25<sup>th</sup> Jan 2023**







## SPECIAL PROJECT, EVENT & AUDITS



**BAVA (Bajaj Auto Vendor Association) Safety Audit –**

**Plant 1001 – 05<sup>th</sup> Jan '23**

**Plant 1006 – 06<sup>th</sup> Jan '23**







## SPECIAL PROJECT, EVENT & AUDITS



**VDA 6.3 Audit conducted at our  
Plant 1007 from 09<sup>th</sup> to 11<sup>th</sup> Jan '23  
& at Plant 1004 from 11<sup>th</sup> to 13<sup>th</sup> Jan '23  
By Auditor Mr. Kumarsen**







## SPECIAL PROJECT, EVENT & AUDITS



**Blood Donation Camp conducted at our Plant 1006 on 14<sup>th</sup> Jan '23**  
**By Govt. Hospital And Training Institute**



**RUCHA ENGINEERS PVT. LTD. UNIT-VI**

Plot No. K-244 / K-245, MIDC Waluj, Aurangabad - 431 136.

# रक्तदान शिबीर



दि. १४ जानेवारी २०२३  
 रोजी सकाळी १०.०० वा.



**स्थळ : रुचा इंजिनिअर्स प्रा. लि. युनिट-६**  
 के-२४४/२४५, एम.आय.डी.सी. वालुज, औरंगाबाद - ४३१ १३६.

**रक्त संकलन : विभागीय रक्तपेढी**  
 शासकीय वैद्यकीय महाविद्यालय व रुग्णालय (घाटी),  
 औरंगाबाद-४३१ ००९.

**स्थलांतरीत कामगार प्रकल्प**



महाराष्ट्र  
 राज्य एड्स  
 नियंत्रण संस्था







## SPECIAL PROJECT, EVENT & AUDITS



### Retirement of our Group President

**Mr. S G Sohoni**

**\* Felicitated with Sanmanpatra & Best wishes further\***







## EMPLOYEE ENGAGEMENT



**26<sup>th</sup> Foundation Day Celebrated of our organization on 08<sup>th</sup> Jan '23**



Rucha Group  
Celebrating  
26  
Years

**RUCHA**  
YANTRA  
ENGINEERING EXCELLENCE

**burly field**  
NURTURED  
BY NATURE

# Foundation Day

8<sup>th</sup> January 2023 | 6:30 PM

Dear Ruchaites, Lets come together to celebrate the legacy with full of Josh, Entertainment, Music and much more...

Venue  
Sharveen's Outhouse,  
Cut no 3 - part at Mustafabad,  
Beed Bypass Rd, Aurangabad,  
Maharashtra 431001







## EMPLOYEE ENGAGEMENT



**26<sup>th</sup> Foundation Day Celebrated of our organization on 08<sup>th</sup> Jan '23**







## EMPLOYEE ENGAGEMENT



### Traditional Pongal Celebration at our Plant 1009 on 13<sup>th</sup> Jan '23



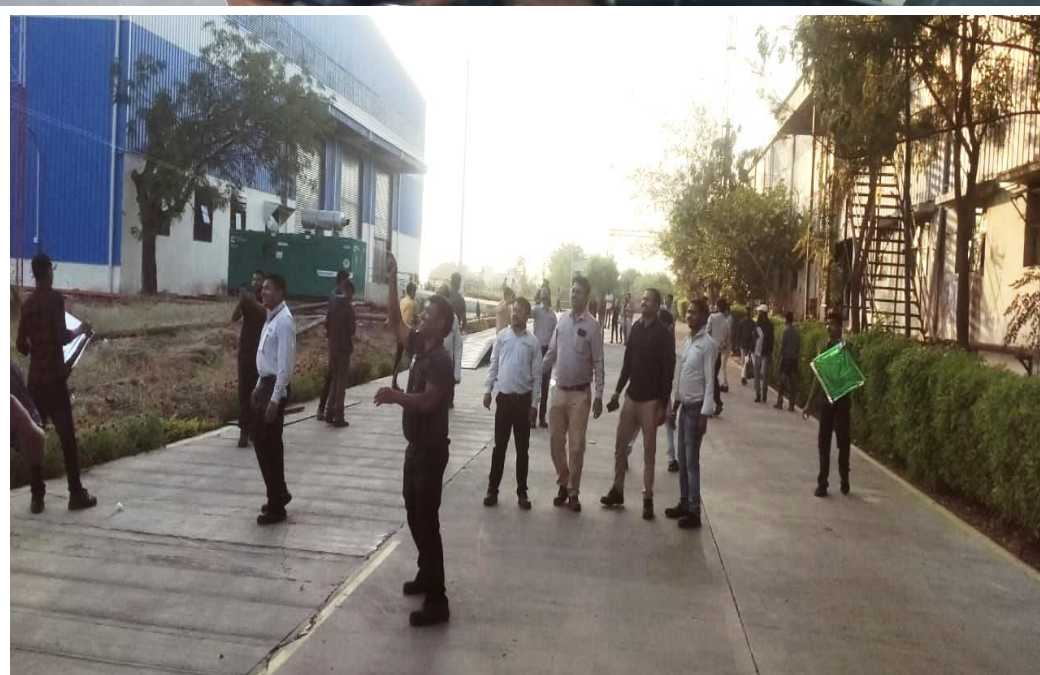
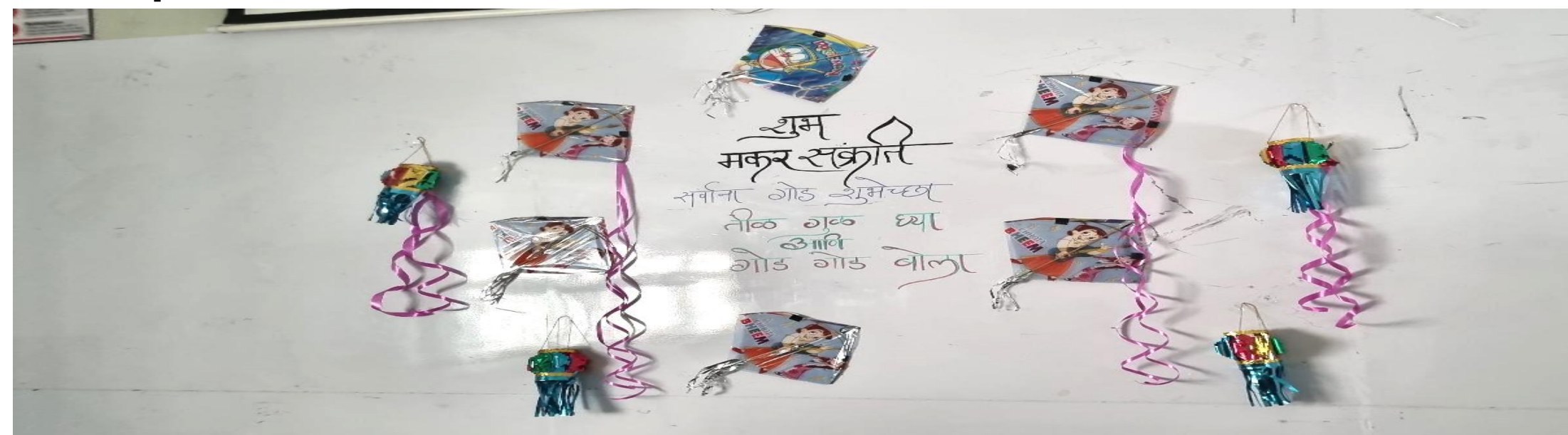




## EMPLOYEE ENGAGEMENT



### Makar Sankranti & Traditional Haldi Kunku Celebrated overall Rucha Group







## EMPLOYEE ENGAGEMENT



### Makar Sankranti & Traditional Haldi Kunku Celebrated overall Rucha Group







## EMPLOYEE ENGAGEMENT



### Republic day Celebration & Flag hoisting over all Rucha Group







## EMPLOYEE ENGAGEMENT



### Rucha Group Cricket League – Intern League Cricket Matches organized for whole Rucha Group on 26<sup>th</sup> & 29<sup>th</sup> Jan '23



**RUCHA**  
ENGINEERING EXCELLENCE

# Rucha Group Cricket League

Grand Opening By  
**Rohit Dashrathi – JMD**

Venue : CSMSS, Chh. Shahu College Of Engineering Aurangabad  
Date : 26 & 29 January 2023  
Time : 7:00 AM To 5:30 PM







## EMPLOYEE ENGAGEMENT



### **Rucha Group Cricket League – Intern League Cricket Matches organized for whole Rucha Group on 26<sup>th</sup> & 29<sup>th</sup> Jan ‘23**







## EMPLOYEE ENGAGEMENT



### Birthday Celebration over all Rucha Group



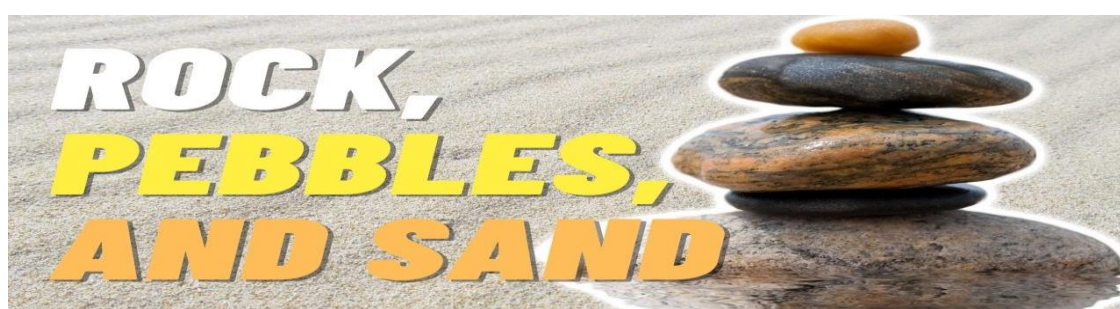




## MOTIVATION & PERSONALITY DEVELOPMENT



### MOTIVATIONAL STORY : Rocks, Pebbles, and Sand



#### **Rocks, Pebbles, and Sand :**

A philosophy professor once stood up before his class with a large empty mayonnaise jar. He filled the jar to the top with large rocks and asked his students if the jar was full. His students all agreed the jar was full. He then added small pebbles to the jar and gave the jar a bit of a shake so the pebbles could disperse themselves among the larger rocks. Then he asked again, “Is the jar full now?” The students agreed that the jar was still full. The professor then poured sand into the jar to fill up all the remaining empty space. The students then agreed again that the jar was full

**The Metaphor:** The jar represents your life, and the rocks, pebbles, and sand are the things that fill up your life. The rocks represent the most important projects and things you have going on, such as spending time with your family and maintaining proper health. This means that if the pebbles and the sand were lost, the jar would still be full, and your life would still have meant. The pebbles represent the things in your life that matter, but that you could live without.

The pebbles are certainly things that give your life meaning (such as your job, house, hobbies, and friendships), but they are not critical for you to have a meaningful life. These things often come and go and are not permanent or essential to your overall well-being.

Finally, the sand represents the remaining filler things in your life, and material possessions. This could be small things such as watching television, browsing through your favorite social media site, or running errands. These things don't mean much to your life as a whole and are likely only done to waste time or get small tasks accomplished.

**Moral:** The metaphor here is that if you start with putting sand into the jar, you will not have room for rocks or pebbles.

This holds true with the things you let into your life. If you spend all your time on the small and insignificant things, you will run out of room for the things that are important. In order to have a more effective and efficient life, pay attention to the “rocks,” because they are critical to your long-term well-being.





## KNOWLEDGE SHARING



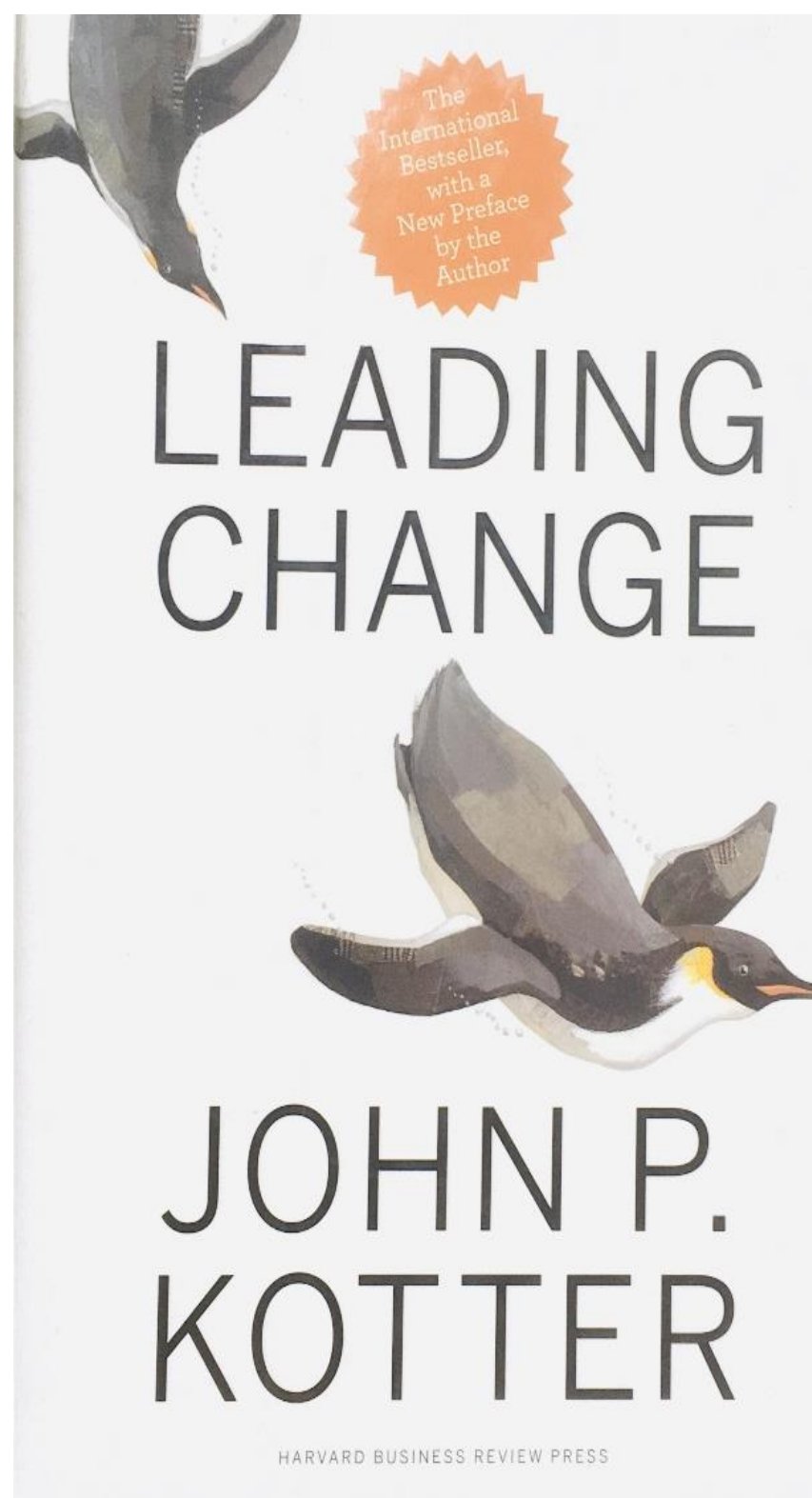
### POPULAR BOOK AVAILABLE AT OUR LIBRARY...!!! SUGGESTED TO READ

When Jhon Kotter wrote these words back in 1996 in his groundbreaking book leading change, little did he know that the pace and magnitude of change in the decades to come would be even more significant, rocking the foundations of global businesses and Turing the world economy on its head. From the ill-fated dot-com bubble to unprecedented M&A activity to scandal, greed & ultimately, recession – we've learned that widespread & difficult change is no longer the expectation. It's the rule.

Now with a new preface by the author, this edition of Leading Change is more relevant than ever. Kotter's now legendary eight-step process for managing change with positive result has become the foundation for leaders and organizations across the globe. By outlining the process organizations have used to achieve transformational goals and by identifying where and how even top performer derail during the change with making change initiatives work.

Reading this highly personal book is like spending a day with the world's foremost expert on business leadership. You're sure to walk away inspired- and armed with the tools you need to inspire others.

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







## **R**ESPECT

Honor for  
Dignity &  
Sanctity

## **U**RGE

To strive for  
Innovation and  
Excellence

## **C**ONFIDENCE

To welcome  
and Embrace  
Change

## **H**ONESTY

Stand for  
Truth and  
Transparency

## **A**MBITION

Strong Drive  
for Growth



### CORPORATE OFFICE

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Building Bright Future  
with **Green Commitment**