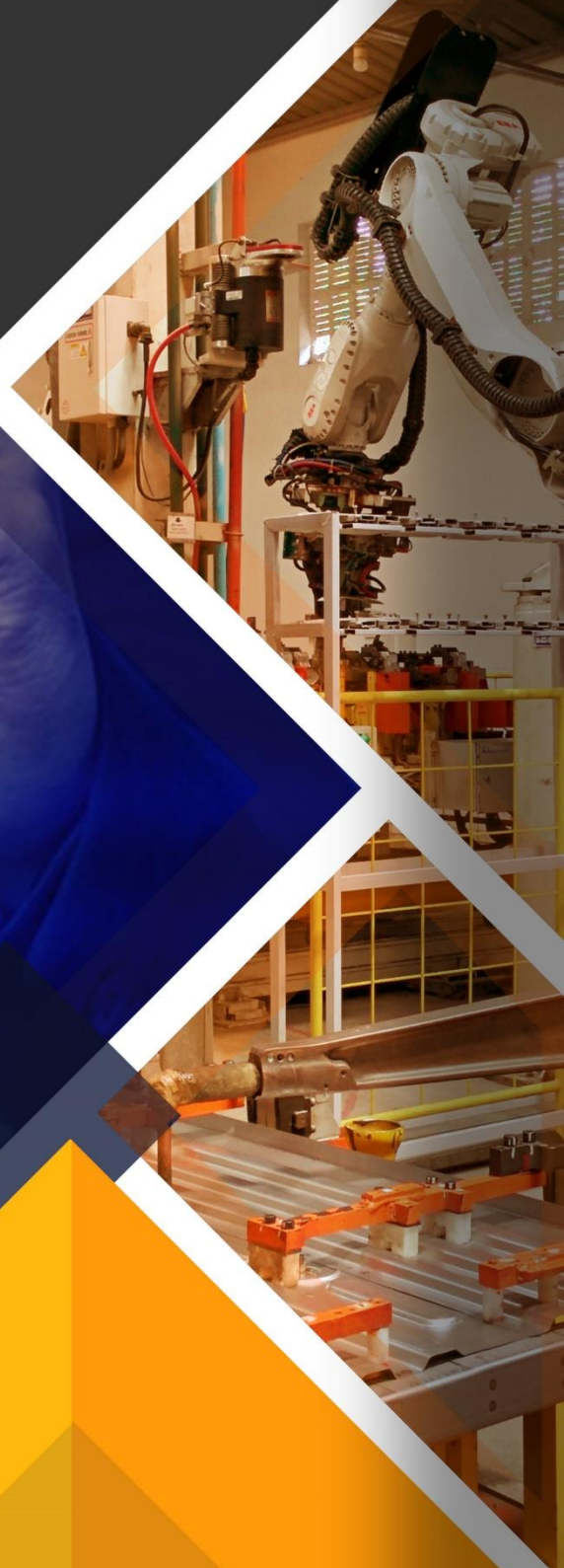


# RUCHA KALEIDOSCOPE

Rucha Engineers Pvt Ltd

April 2022 Issue # 33



25 YEARS  
AND STILL  
GROWING

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



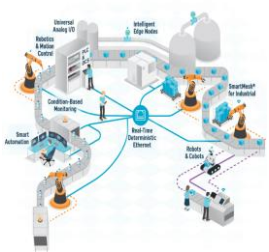




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## AWARDS, APPRECIATIONS & FELICITATIONS



### CONGRATULATIONS TO ALL MEMBERS !!!

We feel proud to share that Rucha LinkedIn family is also growing and has surpassed 10000+ followers last month. We cannot thank you enough for engaging on our updates on LinkedIn and helping our company grow on LinkedIn. With your support we sure will reach greater heights.

The graphic is a dark blue rectangle with a gold border. At the top center is the Rucha logo, which consists of a stylized white 'R' above the word 'RUCHA' in bold white capital letters, and 'ENGINEERING EXCELLENCE' in smaller white capital letters below it. Below the logo, the text 'Milestone achieved!' is written in a gold, italicized serif font. Underneath that, 'Thank You!' is written in a white, italicized serif font. The number '10000' is displayed in large, bold, gold 3D-style digits. Below the number, the word 'FOLLOWERS' is written in a white, italicized serif font. At the bottom, the word 'LinkedIn' is written in a large, bold, white sans-serif font. In the bottom right corner, the website 'www.rucha.co.in' is written in a small white sans-serif font. The background of the graphic is decorated with faint, colorful confetti and streamers.

**10000**  
FOLLOWERS  
**LinkedIn**

www.rucha.co.in





## AWARDS, APPRECIATIONS & FELICITATIONS



### HEARTIEST CONGRATULATIONS PLANT I & III TEAM

Rucha has been at forefront at adopting TPM philosophy throughout the group for quite a long time. While we have successfully climbed initial step towards achieving TPM award Plant I and III. we have worked tirelessly for 4 years to achieve this pinnacle of TPM journey and recommend by BAL TPM Excellence Award.

Bajaj Auto has conducted audit on 28<sup>th</sup> April 2022 Plant I and 29<sup>th</sup> April 2022 Plant III to assess our progress over this last 4 years and recognized these efforts by recommend “BAL TPM Excellence Award”. Audit has been conducted by esteem auditors from BAL Mr. Shyamasundara VN, Mr. Rajesh Ubale, Mr. GA Natu, Mr. Kiran Tayde & Mr. Prabhu Desai in presence of all our Top Management.

Good teamwork team !!



BAL Auditors, MD Sir with Rucha, Plant I Team

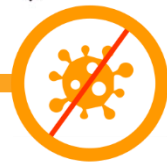


BAL Auditors with Rucha, Plant III Team





## AWARDS, APPRECIATIONS & FELICITATIONS



### HEARTIEST CONGRATULATIONS PLANT IV (B) TEAM

IATF 16949 : 2016 certification Stage 1 Audit has been carried out By Mr. Pravin Saljoshi From The British Standards Institution i.e. BSI on 28<sup>th</sup> April 2022 at Plant and the same is cleared through common team efforts.

We have successfully cleared this Audit and recommended For Final certification.





### HOW METAVERSE IS RE-IMAGINING MANUFACTURING PROCESSES.

Metaverse as a medium is still in its infancy, and its true potential remains untapped. For now, Metaverse remains quite popular in gaming circles and is being used regularly for virtual concerts, gigs, conferences, and social networking. However, the real big-picture use-cases, such as in the manufacturing sector, are still to gain wider business currency.



However, slowly and steadily, skepticism for Industrial Metaverse is giving way to eager acceptance and large-scale application.

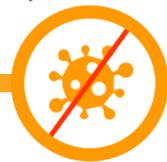
Consider, for instance, that in January this year, Hyundai entered into a partnership with Unity, a 3D content platform creator, to help it design and build a meta-factory that mirrors a real factory from scratch. Another car manufacturing giant BMW has employed the technologies underpinning the Metaverse to create a virtual replica of its Regensburg manufacturing plant. The virtual plant is helping re-imagine and streamline existing processes while culling out inefficiencies in the production chain. In another case, the world's largest brewer AB InBev has created a digital simulation of its breweries and supply chains. These simulations have also been populated with digital people to assess how real-life humans respond to new workflow patterns.

#### **Possible use-cases in the manufacturing domain**

Many still mock the idea of Metaverse being relevant in the manufacturing world, but then Metaverse's numerous use-cases are putting up a tough fight in response to their cynicism. Manufacturing is changing by the day with Metaverse technologies.



## TECHNICAL BLOGS



### HOW METAVERSE IS RE-IMAGINING MANUFACTURING PROCESSES.

**A few of the use-cases are as follows:**

- Etching a virtual blueprint of the production plant, machinery, production process, and layout before laying the project's foundation stone.
- Creation of virtual humans to simulate natural human movements and engagement.
- Playing out different scenarios on inventory management, upkeep, and maintenance protocols.
- Granular designing of production processes beginning from raw material procurement, deployment, processing, and dispatching of the finished product.
- Virtual assessment of proficiency and expertise of service providers.
- Boosting sales by creating virtual environments lets customers pick add-ons and accessories suited to their needs.
- Running multiple simulations that help determine economic and efficient innovation and productivity solutions.

#### **The many advantages that lie ahead**

- **Collaborative brainstorming on product development** : With Metaverse, conventional feedback patterns of back and forth and trial and error will soon become redundant. Since Metaverse allows for real-time collaboration and brainstorming, business stakeholders will be able to work simultaneously with designers, architects and industry specialists in molding production pipelines that are cost-effective, intuitive and meet the existing norms without a lot of rejigging.







## TECHNICAL BLOGS

### HOW METAVERSE IS RE-IMAGINING MANUFACTURING PROCESSES.

- **Better product quality** :A consequence of real-time feedback and collaboration is that manufacturers will be able to devise production chains that dramatically cut down on the potential margin of error, leading to a progressively smaller and smaller number of defective products.
- **A win-win for manufacturers and the customers** : With a Metaverse-powered manufacturing unit, customers will have better insights into the production period for any given product, the raw materials used and the processes employed. This provides the customer with greater liberty in choosing the products that perfectly meet their requirements. With greater customer participation, manufacturers will extract deeper actionable insights into what does and does not work for their customers, the most demanded customizations, and segments that register maximum sales and those that do not. Access to better data will aid the manufacturer in eliminating products and processes that are relatively less cost-effective.
- **The way ahead** : Until now, Metaverse technologies have been fruitfully utilized by companies that are either fanatically dedicated to innovation or those at the very fringe. Real broad-based, mass-market applications are still a distant dream, but not for long. Considering the ground-breaking utility and stellar return emerging from these technologies, it is only a matter of time before smaller, go-by-the-book companies will want to put meta capabilities to work in their manufacturing chains.





## SPECIAL PROJECTS, EVENTS & AUDITS



### RUCHA YANTRA

“Vighnaharta of Manufacturing: Rohit’s tryst with Robotics and Automation”  
Thank you Machine Maker for giving this opportunity to Yantra to showcase our products. Rohit Dashrathi speaks about venturing into entrepreneurship at a young age and following his dreams. Read the article here.

<https://www.themachinemaker.com/startups/rohit-dashrathi-rucha-yantra-0204>

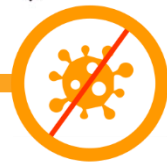


*Advanced Robotics Solutions from RuchaYantra founded by Rohit Dashrathi, enables Indian manufacturers to embrace and adopt Industry 4.0*





## SPECIAL PROJECTS, EVENTS & AUDITS



All Burlyfield natural and healthy products are now present on India's leading online stores – **"FLIPKART" "AMAZON" AND "BIGBASKET"**. Just click on the link below to explore and order. We are also offering 15% on Summer Special products on amazon. Click here to buy

[https://www.amazon.in/s?k=burlyfield&crid=2PSK36X6X85O2&srefix=burlyfield%](https://www.amazon.in/s?k=burlyfield&crid=2PSK36X6X85O2&srefix=burlyfield%20)

<p><b>BURLY FIELD 100% Natural Ragi Porridge (Sugarfree) Ready Mix ...</b>            ₹150 (₹375/kg)            Save 15% with coupon            Get it by <b>Saturday, May 7</b></p>	<p><b>BURLY FIELD 100% Natural Moong Dal Chilla (dosa) Ready...</b>            ★★★★★ v 9            ₹200 (₹500/kg)            Save 15% with coupon            Get it by <b>Saturday, May 7</b></p>	<p><b>BURLY FIELD 100% Natural Fasting Flour   Upwas Bhajani  ...</b>            ★★★★★ v 2            ₹195 (₹325/kg)            Get it by <b>Saturday, May 7</b></p>	<p><b>BURLY FIELD 100% Natural Fasting Chilla (dosa) Ready Mix  ...</b>            ★★★★★ v 2            ₹100 (₹500/kg)            Get it by <b>Saturday, May 7</b></p>
<p><b>BURLY FIELD Quickfix Protein &amp; Calcium rich Breakfast combo  ...</b>            ★★★★★ v 2            ₹200 (₹1,000/kg)            Get it by <b>Monday, May 9</b></p>	<p><b>BURLY FIELD Delicious Fasting Combo   Amaranth Flour +...</b>            ★★★★★ v 3            ₹290 (₹362.50/kg)            Save 15% with coupon</p>	<p><b>BURLY FIELD 100% Natural Yellow Corn Atta   Healthy High...</b>            ★★★★★ v 1            ₹110 (₹110/kg)            Get it by <b>Saturday, May 7</b></p>	<p><b>BURLY FIELD 100% Natural Culinary combo   Onion Powder...</b>            ★★★★★ v 1            ₹225            Get it by <b>Saturday, May 7</b></p>

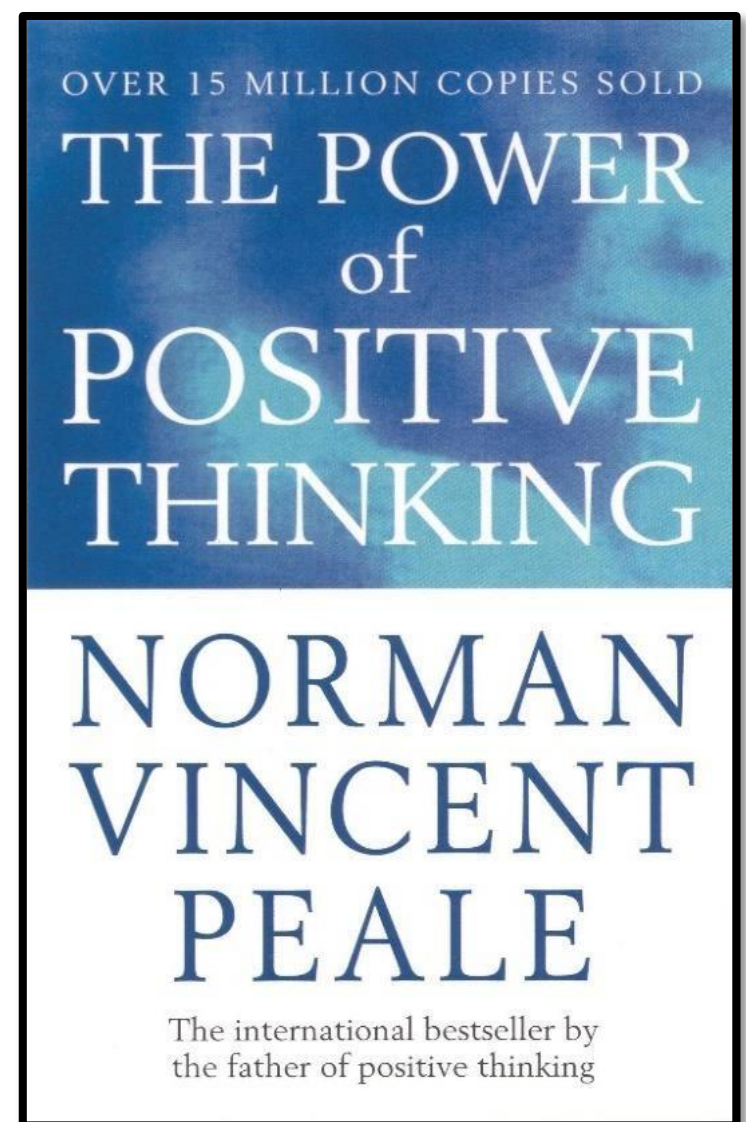




## KNOWLEDGE SHARING

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

Dr. Norman Vincent Peale is a renowned author best known for *The Power of Positive Thinking*, his bestseller which has sold over 5 million copies. *The Power of Positive Thinking* is a classic that pioneered the idea of **positive thinking and the power of the mind**. In this book, **Dr. Norman teaches you how to get a hold of your life by believing in yourself, change your attitudes and adopt positive thinking and faith for all successes**. Here is *The Power of Positive Thinking* summary that highlights his teachings chapter after chapter.



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





## MOTIVATION & PERSONALITY DEVELOPMENT



### MOTIVATIONAL STORY : SELF – WORTH



One day ,a popular speaker was speaking in a seminar .A crowd of 200 gathered to listen to his speech . He took out a ₹2000 note from his pocket and asked ,”who would like to have this?” 200 hands were raised . Then , he dropped the note on ground and crushed it with his shoes . He picked the note and showed the same to the crowd , it was all crumbled and dirty . He asked again ,”Do you still want it?” All the hands again raised up .

The speaker said ,”I have just showed you a very important lesson . No matter what I did to this note , you still wanted it , because it still worth the same 2000 bucks . Same way , our life is full of ups and downs , happiness and sadness , hard times and good times . **So , we shouldn't let any bad experiences affect us negatively . We shouldn't allow any harsh situation to dull our self worth . Know your self worth , never let anyone bring you down .** Because amazing things happen when you realize your self worth .





## **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



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

Building Bright Future  
with **Green Commitment**