

# The Spotlight

JANUARY 24 | Anniversary Edition V [www.kineticgroup.in](http://www.kineticgroup.in)

A  
**Futuristic  
Technology**  
for a  
**Smarter  
Future**

Designed by liazo.com



**Progress through Innovation**  
Adding new dimension  
to the Plastic Industry

**A Smart Approach to Sorting**  
Geared up in sorting  
fruits & vegetables

**A Triumphant Tale of Success**  
Partnership with  
Maa Narmada Agro & SG Food







# DEAR READERS

## 'A Futuristic Technology for a Smarter Future'



As far as the agricultural landscape of India is concerned, innovative solutions paved a new way to development. Kinetic Group, an emerging name in the grain processing industry has been a key player in transforming the way grains are processed in our country.

For the last few years, we've been focusing on the subject 'Technology Inspired by Human Values'. With the advancement of technology, there is a significant change in the way grains are cleaned, sorted, processed and utilized. These innovations have brought in better sustainability, enhanced efficiency, and finally improved the quality of grains. Our commitment to empowering people associated with the grain processing industry is revealed in our user-friendly designed and advanced machineries, supported by continuous technical support.

At Kinetic, we are partnering progress for the grain processing sector in India. By seamlessly blending technology with human values, we're making an effort to enhance agricultural productivity and livelihoods of many.

This year, our topic for the magazine - 'A Futuristic Technology for a Smarter Future' talks about Artificial Intelligence & Innovation. Artificial Intelligence deals with technologies and techniques that aid machines to perform tasks like problem solving, decision-making and other tasks with ease.

At Kinetic, we make an effort to utilize the advanced state-of-the-art machinery fusing updated advancements in automation and artificial intelligence. This boosts the efficiency and reduces manual labour in the grain processing industry.

Let me take this opportunity to invite you to delve in and enjoy the magazine. I hereby thank all employees, our business associates & partners for encouraging us to move forward with determination and a smile.





# TAILORED SOLUTIONS TO MEET YOUR NEEDS

SCAN TO  
EXPLORE OUR  
PRODUCT  
RANGE



Our customized products offer you with **world-class performance thereby** helping you gain maximum benefits.



# WE BELIEVE IN **QUALITY STANDARDS** & TECHNOLOGICAL ADVANCEMENTS

## Samresh Chatterjee

Director - Sales & Marketing

This year Kinetic completed 5 years of its operation in Indian Market. Today we can proudly say that we have crossed 125 Cr turnover mark. With 140+ people in the field working day and night, carrying the Kinetic flag to every doorstep, our goal of 200+ Cr by 2024 is not far off. We brought the most innovative Colour Sorter in the Indian Market which is still leading and now with introduction of high-tech Whitener & Silky Polisher for the rice milling industry, we are sure of leading this field as well. Already 300+ such marvel machines are running in the market. The flexi Driers for the Paddy Drying is also talk of the market as this is the first of

its kind where different heat treatment can be given to different gains like Long, Medium & Small. To safeguard our supplied colour sorter and to get the maximum life of Sorter ejectors, we have developed our own Compressed air technology with is going on hand in hand as a composite solution.

We are also pleased in informing that our new international standard manufacturing facility near Kolkata will be operational by Q1-2023 where complete range of rice milling machines will get manufactured under "Make In India" program and soon will be exporting to other countries as well.

We believe in quality standards & technological advancements - Which will surely take Kinetic to a place where it will be recognised as one of the most innovative & Fastest growing Indian company.





# EVERY INTERACTION HELPS BUILD LONG-LASTING **RELATIONSHIPS WITH CUSTOMERS**

## Chayan Mazumdar

Director - Customer Service

In this profoundly touching moment, I sincerely extend my deepest gratitude to our respected customers for their constant inspiration and unwavering support. Within this constantly shifting landscape of the rice milling segment, we, at Kinetic Group, are committed to enhancing efficiency and ensuring steadfastness.

At the core of our philosophy is the belief that every interaction is a unique chance to exceed customer expectations and build long-lasting relationships. As the Director of Service, I am always motivated by our team members' commitment to our customers that helps strengthen our bonds.

Focussing on the excellence, innovation & incessant growth, we had set up the Upgraded Application & Training Centre in 2022. Equipped with the latest technology and modern infrastructure, the Kinetic Academy plays a pivotal role in R&D and provides

hands-on training. Designed by industry experts, the program is targeted to fresh B.Tech / Diploma holders in varied fields of Engineering and covers 'Industry-aligned practical exercises' catering to the specific needs of the rice milling industry professionals.

As we move forward, it's important to understand the needs of customers, and proactively solving the issues would showcase our commitment to those we serve. Embracing feedback from customers would serve as a catalyst for growth & innovation.

I feel that turning customer interactions open up an opportunity for meaningful connections making them feel valued. Furthermore, collaboration is the key to seamless customer experiences. Our commitment to delivering superior customer experiences sets us apart, and I have the confidence that together, we'll surpass expectations.

I deeply acknowledge the support from our esteemed customers, whose encouragement propels us forward with dedication and dynamism, enabling us to serve them better.





WE SUCCESSFULLY  
ACHIEVED A SUSTAINABLE  
REVENUE OF  
**₹ 150 CR**

## Anuj Gupta

Director - Finance & Operations

The past two years have been fairly challenging, to say the least. The Covid pandemic & its impact, the disruption in the global supply chain and the Russia-Ukraine war, all have triggered volatility & uncertainties. In addition, the imposition of bans and restrictions on non-basmati rice exports has created an atmosphere of uncertainty in the investment domain of the rice-milling industry.

Despite these challenges, we successfully achieved a sustainable revenue of Rs. 150.0 Cr. reflecting a commendable 15% YOY basis. We're in a good position because we have the

capacity, made smart investments on workforce and technology, and as a result we have manufactured successful machinery.

We foresee that there would be a rise in the Indian manufacturing sector by USD 7 trillion GDP mark by 2030, and as such we plan to achieve a Rs. 200 Cr turnover in 2024-25 and set a target of Rs. 1,000 Cr by 2030.

Finally, I wish to express my gratitude to our customers, employees, business associates, suppliers, and service providers for their ongoing support and trust in us.

Our way is  
right, so our  
future is bright





# IN THIS ISSUE

From the Desk of <b>Directors</b>	06 - 11
Emerging <b>Leaders</b>	13 - 15
Building a <b>Foundation</b> for the Future	16-17
Upgraded <b>Application &amp; Training</b> Centre	18
Kinetic <b>Academy</b>	19
<b>Growth Story:</b> Unveiling our Latest Office Expansion	20
Celebrating 6 Years of <b>Excellence</b>	21
Progress Through <b>Innovation</b>	22
<b>Poppy Seeds</b>	23
A Smart Approach to <b>Sorting</b>	24
Quartz <b>Sorting</b> Technology	25
<b>Dunki Sorting</b>	26
<b>12TPH</b> Turnkey Project in Jharkhand	27
<b>Optimizing Wellness:</b>	
Upgrading Health, Mind & Performance	28
<b>Young Mind's</b> Innovation	29
Where Innovation <b>Meets Assurance</b>	30
Introducing <b>KPHD &amp; KCBAS</b> Machines	31
A Triumphant <b>Tale of Success</b>	32 - 33
Our <b>Milling Plants</b> Across India	34
International <b>Quality &amp; Big</b> Breakthrough	35
Customers' <b>Conclave</b> in West Bengal	36
Annual <b>Sales and Service</b> Confluence	37
Mid-Year Review <b>Meet at Goa</b>	38 - 39
<b>Annual Meet 2023</b>	40 - 47
Product <b>Portfolio</b>	48 - 51
Our Business <b>Associates</b>	52 - 53
<b>Exhibition</b> Highlights	54 - 55
<b>Our Presence</b>	56 -57



## EMERGING LEADERS

**As we continue to grow, your feedback and insights will continue to guide our path, ensuring that we remain at the forefront of our industry**

Dear Friends,

As the pages of this annual magazine "Spotlight" unfold, I am thrilled to share a heartfelt message with each and every one of you who comprises the vibrant tapestry of our Kinetic family.

The past year has been a journey of collective resilience, growth, and shared accomplishments. Your trust and loyalty have propelled us forward, even in the face of challenges, and for that, I am sincerely grateful. Your stories, experiences, and feedback have shaped the narrative of Kinetic Process Technology India Pvt. Ltd., and I am excited to see how our shared journey continues to unveil.

**In these pages, you will discover not just the milestones we've achieved, but also the faces behind the scenes - the dedicated teams working tirelessly to bring the best products and services. As we embrace technological advancements and navigate the ever-evolving landscape of our industry, our commitment to excellence and customer satisfaction remains unwavering.**

Looking ahead, we are excited about the possibilities that the future holds. Our teams are working diligently to bring you innovative products, unparalleled services, and sustainable solutions. We believe that our success is intrinsically linked to your support and trust, and we are dedicated to upholding the highest standards in everything we do.

As we continue to grow, your feedback and insights will continue to guide our path, ensuring that we remain at the forefront of our industry. Thank you for being an integral part of the Kinetic Group's journey. Your continued support fuels our passion, and together, there's no limit to what we can achieve.

**Here's to another year of shared successes, growth, and continued partnership.**

**Mr. Milan Mukherjee**  
CEO





# EMERGING LEADERS

Dear friends,

As we embark on a new fiscal year, I wanted to take a moment to share some insights and perspectives on the landscape that lies ahead.

The past year showcased our resilience and adaptability. Despite unprecedented challenges, we not only weathered the storm but emerged stronger. Our financial success reflects the dedication of our Kinetic family.

In 2023, we achieved remarkable milestones with a robust 15% year-over-year growth in annual turnover. Securing and executing contracts for 10 major projects showcased our cutting-edge technology, including precision machinery and innovative processing plants. Aiming for a turnover of ₹ 200Cr. by 2027, our trajectory is confidently set. This year, we laid the foundation stone for our state-of-the-art manufacturing facility specializing in the production of advanced automation systems.

Our success thrives on our dedicated workforce's commitment, giving us a competitive edge. Stringent governance and established frameworks help maintain our highest standards.

**Heartfelt thanks to our employees, valued partners, and service providers for their unwavering support. We express gratitude for the trust and confidence bestowed upon us by our esteemed clients.**

Looking ahead, the prevailing current market trends and potential challenges need to be acknowledged. The dynamic economic landscape requires vigilance since it could have an

**Our success thrives on our dedicated workforce's commitment, giving us a competitive edge.**

impact on our financial path.

Embracing a mantra of "Innovation for a Bright Tomorrow," we thrive in a dynamic business landscape. Our relentless efforts position us to capitalize on opportunities, focusing on sustained and accelerated growth. As we embark on this journey, your continued support in our pursuit of excellence is sincerely sought.

**Mr. K. C. Dutta**  
CFO



# EMERGING LEADERS

Dear friends,

At Kinetic Group, our vision transcends the present, rooted in the ever-evolving landscape of AI image processing technology. As the CTO, I am proud to lead a team that pioneers cutting-edge solutions in colour sorting for grains, nuts, and beyond.

**Our commitment extends beyond the machines we produce - it encompasses a vision for the future. Looking ahead, we envision expanding our AI capabilities to revolutionize sorting technologies for diverse crops, Our R&D division is constantly striving to develop initiatives aimed to leverage AI advancements for enhanced precision, speed, and adaptability. By pushing the boundaries of innovation, we strive to diversify our offerings, addressing new markets and applications.**

In servicing the machines we've deployed globally, our focus on customer satisfaction is unwavering. Our dedicated service team ensures seamless operations and optimal performance. The proactive approach minimizes downtime, maximizes efficiency, and exemplifies our commitment to client success.

**The proactive approach minimizes downtime, maximizes efficiency, and exemplifies our commitment to client success.**

In summary, the Kinetic Group is poised at the intersection of technological innovation and customer-centric service. We envision a future where AI reshapes industries, and our commitment to excellence remains at the forefront. Through continual advancements and a dedication to exceeding customer expectations, we are not just building machines; we are shaping the future of intelligent sorting solutions.

**Mr. Sarada Kanta Nayak**  
CTO



# BUILDING A FOUNDATION FOR THE FUTURE

## Kinetic Group: Paving the way for future endeavours.

Since the inception in 2017, Kinetic Group with its vision to infuse innovation in the grain processing industry, has been delivering high-quality products with a consistent focus on integrating inventive concepts into the production process.

Driven by our commitment to top-class products, we launched our first Rice Silky Polisher in November 2022 as part of the 'Make in India' initiative. Within a year, we introduced a comprehensive range of Rice Milling Machinery for distribution in India and other Asian countries. With our motto 'Win Together and Grow Together', we've been evolving into a large industry, taking our success to new heights, every day.

## Manufacturing of Milling Machines in West Bengal

Our new factory for Milling Machineries for rice milling industry was inaugurated at Foundry Park, Amta in Howrah area on 17th February 2023. Covering an area of 60,000 sq. ft., it provided an innovative approach in the food grain processing sector.



## Progressing in harmony

A steadfast commitment to innovation and determination helped us emerge as a prominent player among the growing Grain Processing Companies in India.

Within a span of 6 years, we have sold 1600+ colour sorter machines across India, Africa, Nepal and following the motto of 'Grow Together & Win Together', we're planning to add another 700 colour sorter machines by 2025.

Due to a significant demand for colour sorter machines among small-scale millers nationwide, especially for multi-commodities such as rice and pulses, we, at Kinetic Group launched Colour Sorter machines - KSM+ for multi-commodity use. These machines are tailored for mid-segment customers, ensuring uncompromised output quality and performance.

Following the introduction of Colour Sorter machines, cutting-edge milling machinery was unveiled in India and were installed in various regions, including West Bengal, Bihar, Orissa, Chhattisgarh, Telangana, and other parts of the country. Further, we successfully bagged orders for a range of capacities, spanning from 8TPH to 12TPH, in India.

**Today, we're looking forward to implementing innovative ideas to our product range with upgraded technology, innovative products coupled with our team work & dedication.**





# UPGRADED APPLICATION & TRAINING CENTRE

Just like other sectors, the technological landscape within the rice milling industry is evolving swiftly. At Kinetic Group, we consistently prioritize efficiency and steadfastness. We foster a workforce that excels in elevating the company into a distinguished brand.

The Upgraded Application & Training Centre at Kinetic Group facilitates our commitment to excellence, innovation and continuous growth. Designed with state-of-the-art technology and modern infrastructure, the centre plays a pivotal role in R&D, and hands-on training.

As such, with forward-looking perspective we've been able to handle 25 various commodities, beside rice. Every day, we refine and improve our existing training & application processes to cater the best of our services to our values customers.



# KINETIC ACADEMY

## Elevating Expertise: Trailblazing Rice Milling and Colour Sorter Training Program.

In 2022, Kinetic Academy proudly introduced the Rice Milling and Colour Sorter Training Program, catering to the specific needs of the rice milling industry and equipping professionals with expertise in both milling and precision colour sorting.

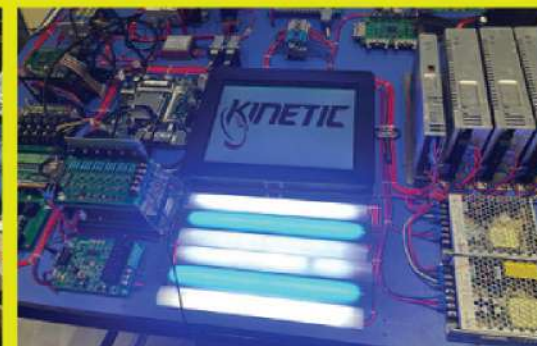
Designed by industry experts, the program covers from fundamental paddy processing to advanced colour sorting technologies and is targeted to fresh B.Tech/Diploma holders in varied fields of Engineering.

### Features of Kinetic Academy

- Cutting-edge facilities help bridge theory with practical training
- Industry-aligned practical exercises
- Technology integration

A trailblazing initiative, Kinetic Academy fulfills the dual demands of rice milling industry by seamlessly integrating milling and colour sorting expertise, thereby moulding professionals with versatile skills required for today's competitive landscape.

As we celebrate the success of this innovative program, Kinetic Academy stays committed to excellence in rice processing and colour sorting, enhancing individual capabilities.







# GROWTH STORY UNVEILING OUR LATEST OFFICE EXPANSION

## Office Expansion - Unit 3

The agricultural landscape in India is witnessing significant growth & expansion, stimulated by upgraded technology, sustainable practices and demand for food grains. With integration of digital solutions combined with modern farming techniques, productivity has grown substantially.

Kinetic Group for the past few years has made an advancement towards excellence. We believe in the saying 'Grow together and win together' and as such we focus on high-quality machineries to our valued customers. Further, we emphasize on improving customer experience through superior & consistent customer service and customer feedback.

## Growing beyond...

Till today, the Kinetic Group has surpassed INR 120 crore mark and plans to cross the INR 250 crore mark in another 3 years. With the growth, we aimed for expansion. Our company has expanded its office space in the Raikva Building, adding Unit-3 with a total area of over 1100 sq. ft. The expansion has amplified our work force and thereby the customer-employee relationships broadened. With a big customer lounge, think tank and a finance division that can accommodate 15-20 newly hired employees, our new office premises is just truly spacious.

We are confident that by consistently satisfying our customers, we pave the way for future success and growth.

## INAUGURATION OF OUR NEW OFFICE AT DELHI

The inauguration of our new office at New Delhi has marked a milestone in our expansion journey. This opening has brought us closer to our clients & partners, forging robust connections thereby creating a strong impact in the dynamic business landscape.

# CELEBRATING 6 YEARS OF EXCELLENCE



Established in October in the year 2017, Kinetic Group has traversed a path filled with challenges and successes. However, our central focus has always been to bring inventive ideas into our production methods consistently.

As a pivotal force in the food grain processing sector, we persistently strive for innovative solutions, delivering top-class products and services. With a commitment to quality, we embarked on our 'Make in India' journey and successfully launched the Rice Silky Polisher in November 2022. Within a year, our product line expanded to Rice Milling Machinery, catering to India and other Asian markets.

This year, 2023, we have successfully completed six years of our journey; and all these years we've been focusing to grow with three mixes- Product application & expansion, geographical expansion and innovative solution for agri-sector. With the integration of advanced AI technology, expanded

workforce, revenue increase, inauguration of our new offices and the commitment & dedication of our great team, we are moving forward with an accelerated pace.

Today, we take pride in our remarkable journey, having grown from scratch to become a Rs. 150 Cr+ company within a span of 6 years. In these six years, we had sold 1700+ colour sorter machines across India, Africa, Nepal and planning to sell another 900 colour sorter machines by 2025.

We are looking forward to adding more verticals, added with better & upgraded innovative solutions and expanding our business boundaries in the coming few years. Yes, that's our long-term goal. As we grow, our focus remains on pushing boundaries and delivering unparalleled value through our inventive offerings.





# PROGRESS THROUGH INNOVATION



## Kinetic adds a new dimension to the Plastic Industry

Products made from polymers, commonly termed as plastics play an all-round role in our daily lives because of versatility, durability and cost-effectiveness. Further, being safe and hygienic plastics are used in food and personal care packaging also, along with clothing which are synthetic fibres that protect us from harmful UV rays.

The versatility of plastics makes them lightweight and affordable which is why it is replacing the traditional materials like wood, metal, ceramics and glass in constructional & application works in building, automotive and household segments.

Success of plastics is partly driven by their durability; however, it has led to an accumulation of plastic waste in the environment due to improper end-of-life waste handling thereby triggering pollution.

High environmental cost of plastics waste is placing significant pressure on scientists and engineers in the polymer industry to innovate and develop better sustainable materials that account for end-of-life waste management while still maintaining product performance. Robust polymer analysis solutions are designed to support the laboratory's drive for innovation, so you can focus on building sustainable solutions for a better future, today.

## Sustainability in Polymers Drives Innovation

Demand from consumers, brand owners and public policy are driving a need for sustainability in plastics, affecting companies at every stage of plastics production-from resin manufacturers, to compounders, master batchers and converters. In response, the plastics industry is tackling the problem of plastics waste through a wide range of sustainable solutions including the use of post-consumer recycled (PCR) and post-industrial recycled (PIR) resins, bio-sourced/ bio-degradable polymers, and the development of new and innovative polymers that are designed with end-of-life recycling considerations. Of these options, there is a strong focus on the use of recycled resins due to brand owner commitments mandating and regulatory landscape minimum quantities of post-consumer content in new products.

Kinetic Group being a pioneer in innovation, developed sorting technology in plastic segment as well; segregation based on colour and also manage to take out the foreign particles for its purity with the help of IR cameras.



## POPPY SEEDS VALUABLE OIL SEEDS

Poppy seeds are small, oil - rich seeds obtained from the poppy plant (**Scientific name: *Papaver somniferum***).

These are tiny, kidney-shaped seeds that have been harvested from dry seed pods for thousands of years by various people generation after generation.

### The usage :

In Indian cuisine, particularly in Bengali cuisine, white poppy seeds are added to recipes for thickness, texture and flavour. Commonly used in the preparation of korma, ground poppy seeds, along with coconut and other spices are made into a paste added during cooking. Poppy seeds are widely used in many regional Indian cuisines. A popular Bengali dish originating from Khulna is Aloo-Posto (potatoes with poppy seeds) which consists of ground poppy seeds cooked together with potatoes and made into a smooth, rich and tasty dish, mostly served with rice.

There are many variants to this basic dish, replacing or complementing potatoes with other ingredients such as onions (penyaj posto), pointed gourd (potol posto), ridged gourd (jhinge posto), chicken (murgi posto) and prawns (chingri posto).

Chadachadi is another dish from Bengali cuisine and includes long strips of vegetables. Sometimes stalks of leafy greens are

added and is seasoned with light spices like mustard and /or poppy seeds and flavoured with phoron. One dish involves grilling patties made from posto; occasionally fried poppy balls (postor bora). Another well-liked dish involves simply mixing uncooked ground poppy seeds with mustard oil, chopped green chilies, chopped fresh onions (kancha posto) and is served with steamed rice. Kancha Posto Bata (uncooked poppy seeds paste) with mustard oil is a famous dish in West Bengal as well as Bangladesh.

Poppy seeds are also used widely in Kashmir as a topping on various kinds of breads, especially kulcha. Poppy seeds, along with basil (tulasi) seeds are added to beverages such as thandai, sherbat, milkshakes, rose milk, almond milk and khus khus milk.

The Indian hub of processing poppy seeds is predominantly found in the state of Madhya Pradesh, and many such processors are dotted in and around Neemuch Mandi area.

The biggest challenge in colour sorting for these seeds are the sizes and weight. Being so tiny, picking out one single defective/discooured seed is really hard and while doing so it means losing a lot of good seeds. Kinetic, the technological leader has developed special ejector valves that can pass substantially small air stream to the seeds; thereby resulting in less loss of good seeds. Further, the camera used to identify such small defects are highly modified and are designed on different platform of optics. The Kinetic colour sorter machines featured with hi-graded characteristics differentiate from rest of the solution providers.



# A SMART APPROACH TO SORTING

## Kinetic Group is geared up in Sorting fruits & Vegetables

### Chilli Sorting

Being the first to introduce AI camera for raisin sorting, Kinetic Group, today, has applied the same technology for chilli sorting. The advanced technology is used to detect & remove stems from chillies, effortlessly, with satisfactory results

We believe the industry will now experience a sea change in packing the purest form of all available commodities where removing stem was a challenge.

### Potato Slices Sorting

We, at Kinetic Group are pleased to announce about the readymade solution for wet & frozen fruits and vegetables. Now, potato slices sorting has become an easy task for farmers and agri-business professionals. Our Belt Sorters are well-equipped to handle such wet materials. The latest AI cameras not only pick the rotten ones but, also spot the difference in shape.



Discover the wonders of our new AI camera

# QUARTZ SORTING TECHNOLOGY

## A game changer

Kinetic Group, now extends the application of sorting to quartz & minerals.

In the world of minerals and industrial materials, precision and quality are of vital importance. A revolutionary technology is changing how quartz is processed through innovative sorting techniques; ensuring a level of purity and efficiency which was not witnessed before in the field. Kinetic Group, now extends the application of sorting to quartz & minerals.

### The Challenge:

Quartz, a mineral prized for its versatility and

applications in various industries, often poses challenges in terms of impurities and variations in quality. Traditional processing methods face limitations in achieving the level of precision required for high-quality quartz products.

### Embrace the age of Innovative Quartz Sorting:

Step into the era of Quartz Sorting Technology - a game-changer in the mining and processing of this valuable mineral. With advanced sensors, artificial intelligence, and high-speed ejectors, this technology enables the identification and separation of impurities with unparalleled precision.



Experience the magic of our newly developed AI camera



# UNVEILING INDIA'S FIRST COLOUR SORTER WITH UNIQUE DUNKI SORTING FEATURES

Kinetic Group revolutionizes the Pulses Industry with India's first first-ever Colour Sorter dedicated to Dunki Sorting - a groundbreaking technology designed to tackle the persistent challenge of worm-eaten grains in pulses. This innovation propels Kinetic as a trailblazer in pulse processing industry.

## The Dunki Sorting Challenge

Worm-infested grains pose economic challenges for farmers and quality concerns for processors in the Pulses Industry. Traditional methods, employed in the Cleaning Plant Gravity Separator machines preceding the Colour Sorters failed to remove these defective grains or detect Dunki affected grains. Thus, an advanced solution was needed to tackle the problem.

In a strategic move, Kinetic Group tackles this challenge by introducing the innovative the new KPHD series of colour sorters.

## Key Features of KPHD Colour Sorter machines

**Dual Sorting Precision:** In these KPHD machines, Dunki Sorting integrates Deep Learning Technology

(DLT) for precise insect-bitten grain removal and state-of-the-art optics for simultaneous detection of subtle colour variations and defects in the grains.

**Customizable Sorting Parameters:** The system provides customizable sorting parameters, adapting to varied pulse varieties and meeting varying quality requirements.

**Future Perspectives:** The launch of the first Dunki Sorting Colour Sorter in India has set new quality standards. Through continuous R&D, we aim to address a broader spectrum of quality-related challenges in pulses.

Dunki Sorting Colour Sorter, innovated by Kinetic Group redefines sorting technology in the Indian Pulses Industry. As our innovative solution gains traction, we, at Kinetic Group reinforces our tech leadership in colour sorting, steering the Pulses Industry toward an efficient, quality-focused future, thereby affirming our commitment to national food security.



## SUCCESSFULLY BAGGED THE FIRST 12TPH TURNKEY PROJECT IN JHARKHAND

At present, through resolute commitment, diligent effort, and steadfast dedication, we, at Kinetic Group have forged robust partnerships with numerous global food grain processing organizations, spanning diverse regions within India and globally. Our primary focus is to deliver top-notch products and continuous, unwavering services that bring smiles to the faces of our esteemed customers.

We introduced products under the 'Make in India' initiative. Within six years, our sales soared, reaching over 1600 colour sorter machines distributed across international markets such as Africa and Nepal, as well as within India. Further, we are looking forward to adding 900 colour sorting machines into our sales inventory by the year 2025. Following the launching of color sorter machines, we seamlessly brought state-of-the-art milling machinery into the market with enormous success.

Following the successful installation of several plants Telangana

and West Bengal, and other regions of India, we bagged multiple plant projects of varying capacities, ranging from 4TPH to 12TPH across the country. Only last year, Ashirbad Rice Mill, situated in Arambagh within the Hooghly district of West Bengal, opted for a 12TPH (240 TPD Paddy Processing) Line from the Kinetic Group. Since then, they have thrived in the premium rice market, flourishing in their business endeavours.

### 12TPH Turnkey Project

Islam Brother Project in Jharkhand This year, too, we are thrilled to bag 'Islam Brother Project', marking the inauguration of the state's first complete 12TPH Turnkey Project in the state of Jharkhand.

Islam Brother Rice Mill as a trailblazing enterprise, is known for their dedication to quality and efficiency. Islam Brother Rice Mill is poised to make a significant impact on the agricultural landscape in Jharkhand, contributing to the region's economic growth and agricultural development. We express our gratitude to the organization for having their trust in us and choosing us as a collaborative partner in their journey of progress.





# OPTIMIZING WELLNESS: UPGRADING HEALTH, MIND & PERFORMANCE

Engaging in sports and yoga not only sharpens our minds but also stimulates agility and fortifies our inner resilience. We, at Kinetic Group embrace the fusion of sports and yoga practice that not only triggers us for future pursuits, but also foster the holistic well-being of our employees - keeping them fit both physically and mentally.

In order to elevate health, mind and the performance of our dynamic and committed employees, we encourage sports and yoga practices to improve their well-being.



# YOUNG MIND'S INNOVATION

Young minds bring a breath of fresh ideas, infuse a spirit of innovation, transforming challenges into opportunities. That's exactly how we, at Kinetic Group learn and grow.

A quite young company, we, at Kinetic Group have embraced the latest technology and providing innovative solutions in the grain processing industry, within a span of just six years.

With ingenious approach and a commitment to excellence, we not only meet current demands but also anticipate the future needs of the market, thereby shaping the landscape with forward-thinking products. Consistent R&D helped us introduce 3 ground-breaking machines in the

rice & grain processing sector, namely:

- Rice Whitener - Meeting international standard with advanced manufacturing technology, it removes bran from brown rice. This enhances the appearance of the rice and increases the shelf life.
- Silky Rice Polisher - Crafted with fine workmanship & digital control, these latest generation rice polishers are suitable for rice milling plant & rice processing plant.
- KCBAs - a colour sorter used solely for rice products utilizing RGBW-DLT Technology that improves the quality of rice.

As we grow, our focus remains on pushing boundaries and delivering unparalleled value through our inventive offerings.





# WHERE INNOVATION MEETS ASSURANCE



## Introducing **KPHD & KCBAS** Machines

In recent years, the grain milling industry has witnessed a paradigm shift with the introduction of innovative and new machinery, heralding a new era of efficiency, precision, and sustainability in the processing of various grains. The introduction of this cutting-edge technology has enhanced quality of grains along with productivity.

The integration of advanced automation incorporating upgraded & smart technologies such as sensors,

### Deep Learning Technology (DLT)

Deep Learning Technology is a part of Machine Learning used to solve complex problems and build intelligence solutions and is used in almost every sector of business. The core concept of Deep Learning has been derived from the structure and function of human brain and uses artificial neural networks to analyze data & make predictions.

computerized systems, machine learning algorithms manage and enhance cleaning, sorting, removing impurities & insect-bitten grains and packaging of grains.

We, the Kineti Group are elated to introducing RGBW-DLT in colour sorting. Being pioneer in bringing latest technology available in the global platform, we ensure that every single grain is minutely checked & verified to enhance the quality of grains.



### KPHD & KCBAS - with ULTRA HD DLT Technology

The RGBW-DLT Technology has improved the sorting efficiency of the colour sorter that helps detect and remove insect bitten grains from the input material along with colour defects. **Ultra HD -RGBW DLT Technology** has the best detection power since it uses bionic-hawk eye colour recognition technology with 3-D perception that helps to recognize tiny spots, impurities, light yellow with ease.

**KPHD**-is a multicommodity non-rice colour sorting machine used to sort pulses, cashew nuts, posto (poppy seeds), raisins using **RGBW-DLT Technology** thus, improving the quality of grains.

**KCBAS**- a sorting colour machine used solely for rice products utilizing **RGBW-DLT Technology** thus, improving the quality of rice.



# A TRIUMPHANT TALE OF SUCCESS

## Advancing Excellence through Strategic Partnership

At Kinetic Group, we are fostering superior pathways in the Indian rice milling industry through strategic partnerships, advancing excellence and innovation.

## Maa Narmada Agro Industries, Madhya Pradesh

In 2023, our company embarked on a partnership with Maa Narmada Agro Industries in Madhya Pradesh. The success story traces the supply, installation, and commissioning of an advanced 8TPH raw paddy milling plant. It's a tale of collaboration powered by innovation.

With insights from Maa Narmada Agro Industries, our team of experts designed a customized solution ensuring an immaculate integration that aligned with Maa Narmada Agro Industries' operational needs. Our technicians & engineers executed precise installation and rigorous testing for flawless functionality and optimal performance of the 8TPH raw paddy milling plant. With extensive testing, our team fine-tuned every aspect of the plant, optimizing efficiency and addressing any potential challenges.

This collaborative success exemplifies our commitment to innovation and growth in the agro-industry. This transformative journey signifies a new chapter of prosperity and sustainability for Maa Narmada Agro Industries, showcasing the power of strategic partnerships in advancing agribusiness. As we celebrate this achievement, we eagerly anticipate continued collaboration and the shared journey towards a thriving agro-processing sector in Madhya Pradesh.



## SG Food Traders, Haryana

Kinetic Group in 2023, collaborated with SG Food Traders, Haryana, in a groundbreaking venture to deliver, install, and launch an advanced 8TPH basmati milling plant. This partnership reflects our joint dedication to innovation, sustainable agriculture, and the flourishing basmati rice industry in the region.

With our expertise, we outlined a tailored solution that would match the needs of SG Food Traders. From equipment sourcing to installation and commissioning, we ensured a smooth and efficient execution. Our trained & skilled technicians and engineers executed the installation process with precision along with rigorous testing at each step establishing error-free functionality of the 8TPH basmati milling plant.

A milestone commissioning ceremony marked the successful integration of the milling plant into SG Food Traders' operations. Our team optimized the plant for maximum efficiency, overcoming challenges.

**The collaborative success of supplying, installing, and commissioning the 8TPH basmati milling plant for SG Food Traders in Haryana stands as a beacon of excellence. It's a journey of shared commitment to innovation marking a new era of growth for SG Food Traders. As we celebrate this partnership, we look forward to continued collaboration in the near future.**



# OUR MILLING PLANTS ACROSS INDIA

As a prominent grain processing company, our milling plants span across different states of India, showcasing our commitment to innovation and excellence. Our state-of-the-art machinery aided with upgraded AI technology reflect our dedication to innovation and efficiency, ensuring high-quality grain processing solutions nationwide.

Our milling plants exemplify our beacons of technological excellence, and meeting the evolving demands of grain processing solutions, across India.

## Our Nationwide Network of Milling Plants:

- Maa Lakshmi Rice Mill, West Bengal
- Matri Mandir Rice Mill, West Bengal
- Neelachal Rice Mill, West Bengal
- Baba Shiv Saran, Bihar
- Omninor, Bihar
- Shantamani, Bihar
- Shrinivas Rice Mill, Andhra Pradesh
- Apurva Rice Mill, Odisha
- Maa Narmada, Madhya Pradesh



Omninor-Bihar



Srinivas Rice Mill-AP



Matri Mandir Rice Mill-WB

# INTERNATIONAL QUALITY & BIG BREAKTHROUGH

## Meeting International Standard

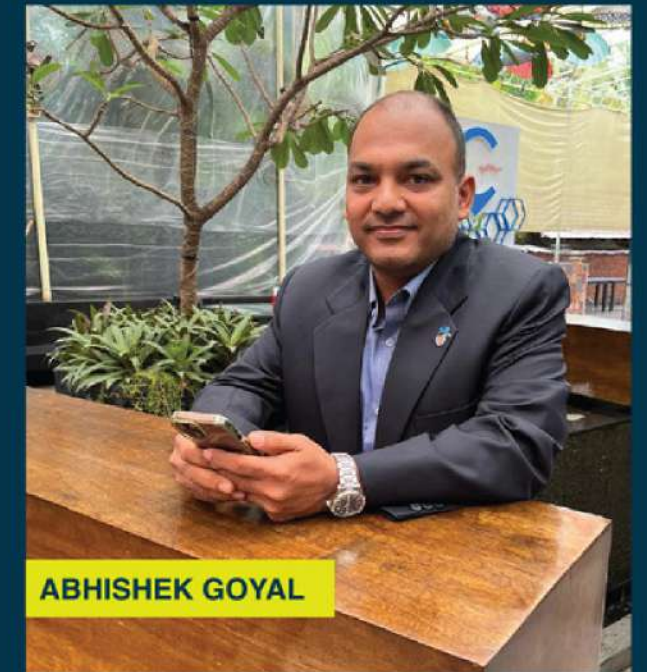
Kinetic Group, one of the leading Indian grain processing companies, establishes international standards through advanced technology and an unwavering commitment to excellence.

By adhering to international standards, we ensure that the grain processing not only meets but exceeds the expectations of our esteemed customers across the nation. With superior products meeting world-class standards, we set a benchmark in quality.

Partnered with basmati rice export leaders - India Gate & Lal Mahal

**The dedication to superior quality has positioned us as a trusted and preferred choice in the grain processing market.**

The upgraded technology blended with high-quality of our machinery have paved the path to be affiliated with two big names in the basmati rice exporting sector - India Gate and Lal Mahal Basmati Rice Companies. India Gate and Lal Mahal stand as dominant figures in India's basmati rice export industry. As an emerging and young company in rice processing sector, we proudly align ourselves as esteemed channel partners with these industry giants.



ABHISHEK GOYAL





# CUSTOMERS' CONCLAVE IN WEST BENGAL

Joyful moments  
with customers:  
Sharing Ideas,  
Having Fun

Customers are not just clients; they are the heartbeat of our company. At Kinetik Group, we always give precedence to customers, since they are the driving force behind our innovations, and the architects of our growth. Their satisfaction is not just a goal, but our means of strength. **With unwavering commitment, we always thrive on delivering the best to our customers, as they are our strength, our pillars of success.**

A corporate customer meet is a gathering that brings together businesses and clients. These sorts of events serve as a platform for nurturing relationships and exchanging valuable insights.

**This year, we have had our Customers' Conclave at Sinclair's, Burdwan with distinction and flair.**

Along with presentations, discussions, and enhancing collaborations, there was showcasing of our newly introduced KCBA machines and Silky machines used as polishers.



This year, the conclave played a pivotal role in aligning business objectives, understanding customer needs, and demonstrating the commitment to delivering top-notch products.



# ANNUAL SALES AND SERVICE CONFLUENCE

Our 'Annual Sales and Service Meet' is an important event that brings together our dedicated team to strategize and align our endeavours. The gathering serves as a platform to discuss the latest trends of market, customer feedback, and innovative solutions.

This year, our Sales Meet was held at Sinclairs, Burdwan on 7th & 8th August, 2023 where we talked about advance training and skill enhancement fostering a customer-centric approach. Training on Sales, Thinking Big on Technical Parameters & Financial Review were other subjects that were discussed thoroughly.

Service Meet is not just a conference, it's an opportunity for collaboration. The Service Meet was successfully held at Holiday Inn in Kolkata from 24th to 26th August, 2023. Varied topics including Training on Technological Parameters, Advancement of Technology, Sorter & Milling machines and Advance Training were analyzed rigorously.

**As we converge to share insights and strengthen our bonds, the Sales and Service Meets play a crucial role in ensuring that we continue to provide top-notch products and unparalleled service to our valued customers.**





# DON'T ONLY LIVE CELEBRATE IT

Celebration unfolds our joy and helps revitalize to start afresh. A mid-year celebration in a corporate house helps employees breathe easy amidst regular tedious work and fast forward the momentum.

As a part of the celebration, we, at Kinetic Group had organized a mid-year review meet at Goa that gave us the much-needed break so as to invigorate and continue our fast-paced work.

The mid-year review began with the evaluation and assessment of the performance of the Kinetic Group for the previous 6 months; and the plan that would be executed for the upcoming 6 months. Business goals with future plans were set to put an impetus to the growth of the company. An insightful discussion on future prospects of the company and business partners was proved fruitful.

Apart from conferences and business meetings, live music, entertainment, delightful delicacies added joy to the celebration. An event which we enjoyed to the fullest.



# MID-YEAR REVIEW MEET AT GOA





# ANNUAL MEET 2023



The proverb 'All work and no play makes Jack a dull boy' is true not only for Jack but for everyone. If a person doesn't take a time off from work, he will not get excited in doing his work and as a consequence his productivity will hamper.



It is essential for all of us to take a break from our routine work to inject some excitement back into our life. We, at Kinetic believe this strongly and as such make sure that our precious employees, who form the pillars of our organization get this break so as to enjoy their work.

This refreshes their mind and soul and help them put up their best.

Just like other years, this year too, we had organized **KINETIC iMBIZO - an Annual Meet 2023, held at Sonar Bangla, Kolaghat between 17th & 19th February 2023.**

A series of events like corporate conference, inauguration of factory, award ceremony, music, food, sports... was celebrated with pomp and show. Further, a discussion on 5-Year Plan-the future forward and a talk about our business partners and associates was held stupendously.





# DAY 1



# Welcome



# ALL DELEGATES



The day commenced with the inauguration of our new factory at Ranihat & Amta (West Bengal) where our business partners & delegates paid a visit. Music, fun & celebration continued from evening till night.





# DAY 2



The day triggered off with Sales & Service Meet combined with delectable food, music and celebration and fun & frolic in the evening.





# DAY 3



Sporting events that unveil the spirit of celebration blended with award ceremony in the evening.

We, at Kinetik Group always emphasize on sports and encourage our employees to be fit and healthy, both physically & mentally.

This year, at KINETIC IMBIZO we enjoyed various sporting events and yoga activities and had a gala celebration.





# KPHD

## Adding DLT to our RGBW

We have experienced a sea change in the performance on the sorting efficiency of the colour sorter.

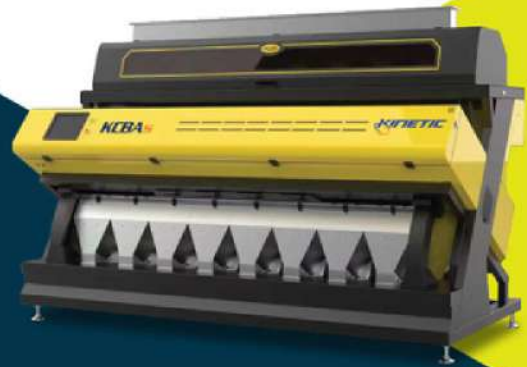


### RGBW Deep Learning Technology

A revolution in Sorting Technology



## PRODUCT PORTFOLIO



# KCBA5

## Adding DLT to our RGBW

We have experienced a sea change in the performance on the sorting efficiency of the colour sorter.

### RGBW Deep Learning Technology

A revolution in Sorting Technology



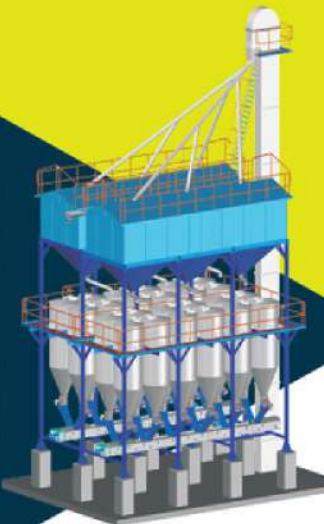
## NexGEN Drier & Parboiling

### Paddy Drier Plant

- Efficient Drying Technology
- Uniform Drying-More Head Rice & Less Broken
- Optimum Drying Time
- High Quality Heat Exchanger fitted with SS304 Tube and Aluminium Co-extruded Fins
- Dynamically Balanced Centrifugal Blower-Low Power Consumption
- Easy To Operate and Maintain

### Paddy Parboiling Plant

- Single Stage
- Two Stage
- Three Stage (Kacchi-Pakki System)
- Suitable for all kind of Paddy Grains
- Suitable For Steam Rice
- Better Yield & Uniform Steaming
- Uniformity In Parboiling
- Easy To Operate & Maintain



## PRODUCT PORTFOLIO

# KPX

Colour Sorter Series



### CLOUD COMPUTING TECHNOLOGY

#### Key Highlights

- Hawkeye Detection Technology (UHD)
- Smart LED Lighting Technology
- Intelligent Product Analysis & One Touch Auto Setting
- Intelligent Electro Mechanical Valve with Ultra Low Air Consumption
- Complete Hi-tech Components

# KZX

Ultra HD Premium

A Marvellous Performance with Great Product Stability

World's 1st RGBW Imaging Camera Technology in Colour Sorting

- Controlled Feed
- Controlled Air
- Controlled Light
- Controlled Power

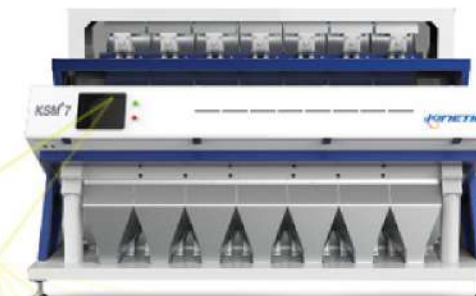
Ultra HD - RGBW with Enhanced Camera Technology backed by NOISE REDUCER feature results in purest form of detected signals ensuring 100% receiving of signals through DUAL Parity Check Software and ejects only defect grains.



# KSM+ SERIES

#### Key Highlights

- Hawkeye Detection Technology (UHD).
- Smart LED Light Technology.
- Complete Hi-tech Components.
- Intelligent Electro Mechanical Valve with Ultra Air Consumption.
- Intelligent Product Analysis & One Touch Auto Setting.



### New Technology in India Cloud Computing Technology

- Intelligent Cloud Brain
- 360 Stereo Ring Suction System
- Input Soft Flow Control
- Hawkeye Recognition Technology
- Intelligent Shape Sorting
- Cloud Internet of Things
- Intelligent Valve
- Intelligent Dust Cleaning System
- Intelligent LED Light Control System
- Yellow and Chalky Sorting
- Cloud Infrared Technology



## Fine Cleaner



KPC-100 & 125 are latest generation Fine Cleaners intended for thorough cleaning of grains at the intake stage. Both machines help remove impurities like straw, immature paddy and fine sand.

MODEL	KPC
Output (Ton/Hour)	7-12 TPH
Power (KW)	1.5 KW
Dimensions (mm)	2700x1780x1600

## Destoner

KDS -120 & 150 Destoners are very popular among Rice Millers due to their simple design and high efficiency of de-stoning. These are excellent to remove stones and all impurities from all types of grains.

MODEL	KDS
Output (Ton/Hour)	8-12 TPH
Power (KW)	1.5 KW
Weight (KG)	1440
Dimensions (mm)	1340 x 1445 x 2150

## Rice Huller & Husk Separator



KHS 25B Rice Huller & Husk Separator is a latest generation rice huller with very fine workmanship. This machine is suitable for the first stage of rice milling. Here, rough paddy is husked and gets separated from the rest of the grains.

MODEL	KHS 25B
Output (Ton/Hour)	3.5-5.5 TPH
Power (KW)	7.5+4 KW
Dimensions (mm)	1570x1080x 1924

## Paddy Separator



KPS Paddy Separator is latest generation machine for paddy separation combined with innovative technology & digital control. With world's renowned compact structure, easy operation & maintenance, it helps separate a mixture of paddy and husked rice into three forms.

MODEL	KPS 8TPH	KPS 6TPH
Output (Ton/Hour)	5-10TPH	3.5- 5TPH
Power (KW)	4 KW	3 KW
Weight (KG)	1500	1160
Dimensions (mm)	2624x1805 x2190	1850x2200 x2250

### Key Highlights

- Low Noise
- Low Power Consumption
- Easy Operating System
- Durable and Reliable

## Vertical Ricewhitener

KWT 40 & 47 Vertical Rice Whitener helps in removing bran from brown rice, thus enhancing appearance of the rice and increasing the shelf life. With world's renowned compact structure & advanced technology, the machine has high output, low rice temperature, long durability, easy maintenance & easy operation.

MODEL	KWT-40
Output (Ton/Hour)	4-5 TPH (Rice)
Power (KW)	37-45 KW
Weight (Kg)	1100
Dimensions (mm)	1550 x 1080 x 1990



MODEL	KWT 47
Output (Ton/Hour)	5-7 TPH (Rice)
Power (KW)	45-55 KW
Weight (Kg)	1200
Dimensions (mm)	1600x1300 x2150

## Rice Polisher

K-ABHI/KSP-21B Rice Polishers are the latest generation rice polisher machines with fine workmanship and digital control. The machines are suitable for rice milling plant and rice re-processing plant. Multiple polishing cylinders and sub-section sieve ensure high degree of polished rice with shiny surface and minimal breaking. Using the world's renowned flow meter with metal rotor, the operation is more sensitive, stable and easily adjustable.

MODEL	K-ABHI	KSP-21B
Capacity (Ton/Hour)	3-4 TPH	4-6 TPH
Power (KW)	37-45 KW	45-55 KW
Air Volume (M3/min)	2500-3000	3000-3500
Dimensions (mm)	1964x700 x1683	2270 x 760 x 2108





**Himadri Techno Services Pvt. Ltd.**

(Chhattisgarh, MP & Vidarbha)

**Raipur Office:**

Sector-2, Main Road  
Opposite F4, Avanti Vihar  
Raipur - 492006  
Contact Person: Mr. Nisesh Khare  
Contact Number: +91 98271 13896

**Jabalpur Office:**

2nd Floor, Amoli House  
Infront of Yash Bharat Press  
Ukhari Tiraha, Vijay Nagar, Jabalpur  
Madhya Pradesh - 482001  
Contact Person: Mr. Sanjay Pandey  
Contact Number: +91 76948 46896

**Nishanta Engineering and Solution**

(Jharkhand & Bihar)

**Ranchi Office:**

Vikash Enclave, Block-B, Ground Floor  
Flat No-G-10, Near Mahavir Nagar  
Dumerdaga Booti, Ranchi - 835217  
Contact Person: Mr. Abhishant Gaurav  
Contact Number: +91 90077 15033

**Patna Office:**

Zero Mile Patna, Near Ganga Petrol Pump  
Loha Gali, Jakariapur, Washing Xpress  
Just Opposite Side Building, Block-A  
Flat No: 201, Patna - 800030  
Contact Person: Mr. Nitesh Dubey  
Contact Number: +91 70015 95783

**Innovative Solutions**

(Haryana & Punjab)

148, Shastri Mandi  
Old Grain Market  
Near SBI Bank  
Karnal, Haryana  
Contact Person:  
Mr. Rajeev Kumar  
Contact Number:  
+91 87086 06554

**SMSAS Engineering Services Pvt. Ltd.**

(Odisha, AP, Telangana)

**Bhadrak Office:**

Plot No: 52,651, 2nd Floor  
Town Thana Chowk  
Bhadrak, Odisha - 756100  
Contact Person: Mr. Srikant Behera  
Contact Number: +91 93370 46683

**Bargarh Office:**

Plot No: 91, 2nd Floor, Bhatti Chowk  
Near Purana Building  
Bargarh - 768030, Odisha  
Contact Person: Mr. Soumen Nayak  
Contact Number: +91 82491 24908

**Vivify Solutions**

(Delhi, NCR, Rajasthan  
& Uttar Pradesh)

Unit No.1207, On 12th Floor  
GDITKL Tower, Plot No: B-8  
Netaji Subhash Place, Pitampura  
Delhi-110034  
Contact Person: Mr. Abhishek Goyal  
Contact Number: +91 98306 52348

**Pure Agri Solutions & Engineering**

(West Bengal, Northeast East Nepal)

**Burdwan Office:**

Old DIB office, Shankharipukur, P.O: Sripaally  
Purba Burdwan - 713103, West Bengal  
Contact Person: Mr. Rajib Saha /  
Mr. Sudipta Chakraborty  
Contact Number: +91 86970 12493 /+91 90077 76633

**Siliguri Office:**

International Market  
Shop No: B-9  
Sevoke Road, Siliguri  
Dist.: Darjeeling - 734001, West Bengal  
Contact Person: Mr. Rajib Saha /  
Mr. Sudipta Chakraborty  
Contact Number: +91 86970 12493 /+91 90077 76633

**Jubilant Technik**

(Maharashtra & Gujarat)

Bliss Apartment  
Survey No: 63/11/12/C, Suite No: 4A  
Next to Tulsi Vihar Kedari Nagar  
Wanorie, Pune - 411040, Maharashtra  
Contact Person: Mr. Ashish Kale  
Contact Number: +91 83088 39028





# EXHIBITION

## Our Diverse Presence

We, at KinetiC Group, were elated to participate in prestigious exhibitions across various Indian cities. Our active involvement not only forges valuable connections but also allows us to showcase our pioneering contributions to a diverse audience.



Kolkata Exhibition



Gandhi Nagar Exhibition



# HIGHLIGHTS



Sholapur Exhibition



Raipur Exhibition



Lucknow Exhibition



Katni Exhibition







HARYANA

DELHI

RAJASTHAN

UTTAR PRADESH

BIHAR

GUJARAT

MADHYA PRADESH

JHARKHAND

WEST BENGAL

CHHATISSGARH

ODISHA

MAHARASHTRA

ANDHRA PRADESH

TELANGANA

KARNATAKA

TAMILNADU

# OUR PRESENCE

PROUD TEAM KINETIC