



# “CAPTURING KEY CHALLENGES TO DEVELOP INNOVATIVE SOLUTIONS”

Capturing memorable moments in life to Cherish a lifetime of memories, the captivating device, Camera, has evolved from the 'Camera obscura' of the 'Monochrome - Black & White' era to the current 'Digital' era where speed, clarity and convenience reign supreme.

At Tapasya, the focus has been on capturing key challenges and delivering innovative solutions with speed, clarity and superior technology that spell convenience to its customers. With an eye for detail, it has developed the perfect picture of satisfaction with its customized products for several industries.



*The first partially successful photograph of a camera image was made in approximately 1816 by Nicéphore Niépce, using a very small camera of his own making and a piece of paper coated with silver chloride, which darkened where it was exposed to light.*

## The Single Stop Solution Provider, Par Excellence

Tapasya is renowned for its contribution to the Pharmaceutical, Nutraceutical, Food, Chemical, Cosmetics and other allied industries as a Single Stop Solution Provider for Solid Formulations and much more. Started in 1962, its experience, spanning over 5 decades has added immense value to the granulation, drying, milling, blending, micronising, coating and pelletising processes of innumerable companies in India and world over. Its products, are utilised by the top Pharma companies of India and its granulation system, Saizoner, is the market leader among 'High Shear Mixer Granulators'.

Tapasya's distinction lies in its ability to offer individual solutions tailored to varied requirements, ranging from a lab scale production of a few grams to a commercial scale output of many tonnes a day.

**Backed by deep-rooted values of, 'Integrity, Ownership, Passion, Achievement orientation, Adaptability, Innovation and Team spirit', it is Tapasya's vision to be a 'World class enterprise providing Integrated Solutions to the Pharma and allied industries.'**

Tapasya, in collaboration with distinguished international partners, also provides novel technological solutions in the following specialised areas:

- State-of-art' Compression Technology, through its German partner, Korsch AG.
- Superior Coating Technology, through its American partner, Thomas Engineering
- Advanced Drying Technology, through its Japanese partner, Okawara Mfg. Co. Ltd.
- Advanced Softgel Technology, through its Korean partner, Sky SoftGel
- Impeccable Micronization Technology, through its Swiss partner, Micromacinazione





## “ THE SEARCH FOR ‘SOUND SOLUTIONS’ IS ETERNAL ”

Since time immemorial, man has searched for ways and means of recording and reproducing sound, moving from the cumbersome Gramophone of the bygone days to the versatile Media-Players of the digital era, an innovation, that is not only a major advance in technology, but also a leap ahead in design.

Search, Re-search and Research for ‘Sound Solutions’ with a passion for new tunes in design and development, have been the guiding drive for Tapasya’s R&D team. The outcome then, its innovative products, is akin to music to the ears of its customers!



*In 1877,  
Thomas Edison invented the  
Gramophone. Unlike the phonautograph,  
it was capable of both recording and reproducing sound.*

## Where Ideas Take Shape Into Innovative Solutions

Innovation has been the foundation stone in Tapasya's existence and it has to its credit many, '1<sup>st</sup> time in India', design and product innovations that have added substantial value to the Solid Dosage Form operations.

The company's dedicated 'Research & Development' facility, set up at its premises offers trouble-shooting for production, support for scale-up and product transfer, pilot trials and other such facilities. This R&D Cell houses a complete granulation Line comprising of Lab scale High Shear Mixers, Fluid Bed Processors, Wet and Dry Mills, Blenders and plans to include Tableting machines and coating machines. Each of these lab scale machines have the same sophisticated technology as is seen in the production models. Many companies from multiple industries, including the Pharmaceutical, Nutraceutical, Food, Chemical & Cosmetic industry, have benefitted immensely from this 'R&D' facility of Tapasya.

- The company has a track-record of delivering innovative solutions for the food, nutraceutical, chemical, cosmetic, fertilizer and other allied industries, besides the pharmaceutical industry
- Fully automated design developments enabled by Tapasya facilitates a quantum leap in the efficiency of all operations, a desirable feature in all industries
- Its world class designs offer substantial ease of operations / time savings / cost savings / space savings, etc.
- Tapasya's products have been chosen by many MNCs for their operations in many countries across the globe
- Its unique, 'Direct Drive' with Real Time Torque based endpoint minimises validation errors and enables robust scale-up process in granulation and has been widely appreciated by its clients
- Its '10-bar compliant' design in granulation and drying has helped safe processing of many 'sensitive' ingredients during the formulation process



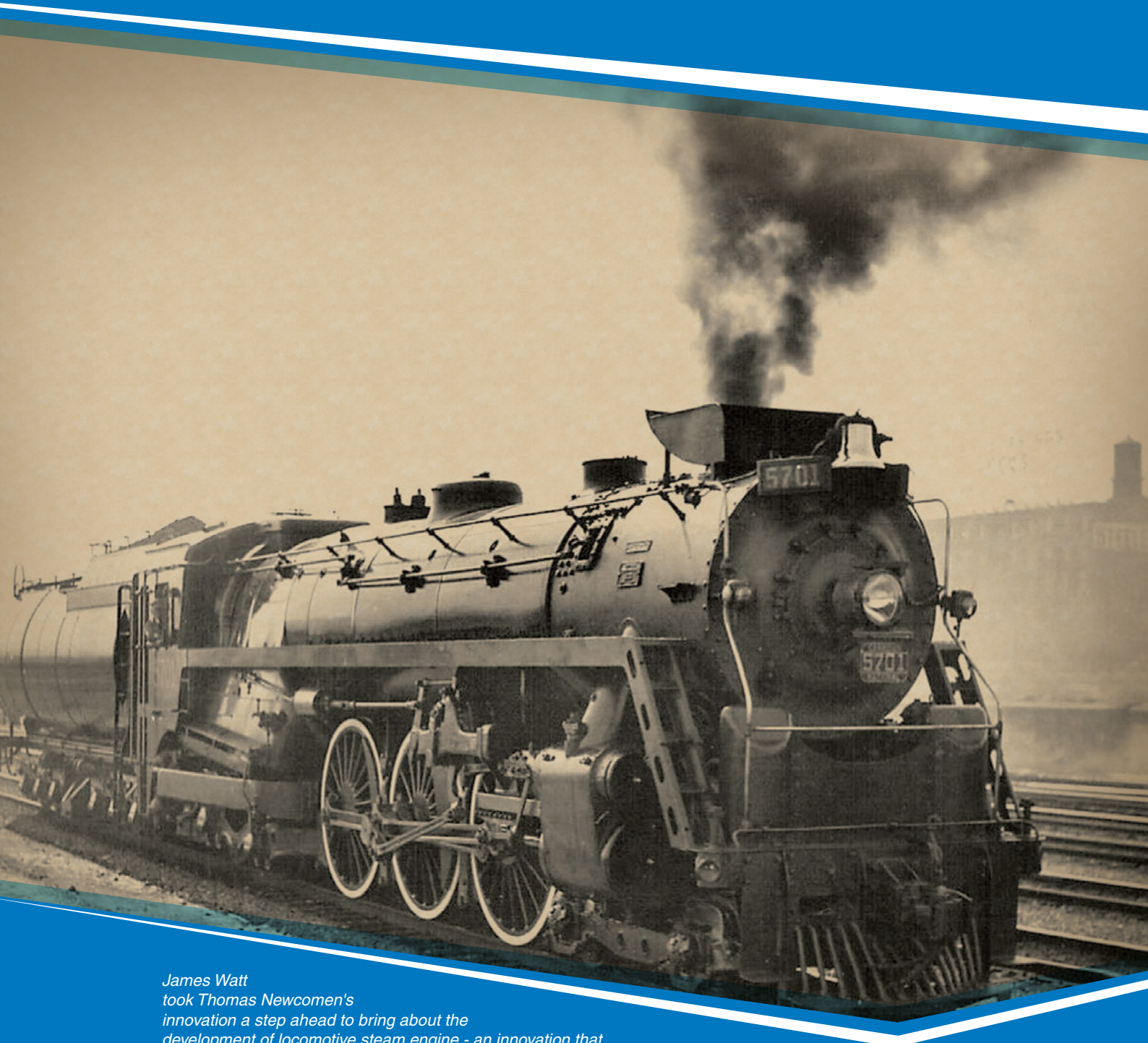


# “ENERGY THAT DRIVES CREATION; QUALITY THAT DRIVES PERFECTION”

Gentle water can run machines, when converted to the mighty, energetic steam!

The steam engine propelled the world towards an era of efficient transportation and marked the beginning of the industrial era, with it safe, efficient & varied applications.

Tapasya, with its abundance of energy to create, and with a passion to deliver quality, offers safe, efficient and versatile solutions that have helped its customers catapult into an era of higher productivity and quality approvals.



*James Watt  
took Thomas Newcomen's  
innovation a step ahead to bring about the  
development of locomotive steam engine - an innovation that  
changed the future of mankind.*

## Innovative Products with Impeccable Quality

Tapasya offers 'State-of-Art' production from its 3 facilities, spread over 42,000 sq. feet with plans underway for the 4<sup>th</sup> facility in India. The company's facilities have met the exacting quality requirements of world's top 10 pharmaceutical companies such as, GSK, Abbott, Sanofi, Johnson & Johnson, Novartis, Astra Zeneca, Merck, Eli Lilly and rigorous food-grade quality requirements of Amway, Mondelez International, Kraft Foods, Pepsi, Hindustan Uni-Lever and others.

Assuring stringent quality has been the hallmark of doing business with Tapasya, who have a 5-Pronged approach with meticulous attention to details, right from Design and Development, Vendor selection, Manufacturing, Software Development and Automation, Testing and Execution, Validation and Commissioning, Delivery cum Installation and After Sales Support.

### Tapasya's 5-pronged approach to Quality That Sets Them Apart as Leaders:

- Continual Improvement
  - First Time Right
  - On Time Delivery
  - Value Enhancing Solutions
  - Waste Elimination
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- Quality of its products begins from the quality of components used with annual 'Quality Audits' of all its vendors
  - Being a System driven organisation, Tapasya ensures FAT - a mandatory process before dispatch of machines, CE certified machines meeting 19 EN specifications, UL Compliance Validation documents (IQ / OQ / DQ), its machines are 21 CFR part 11 compliant and it provides documents for software validation.
  - Periodic Training of its employees and of the end-users is also an integral part of its Quality systems





## “FROM DARKNESS UNTO LIGHT, WITH A MERE CLICK”

The invaluable little innovation, the electric bulb, marked the dawn of a new era. Man had a new, speedy solution to darkness & gained control of 'light' for uninterrupted activities, be it day or night, with the mere click of the switch.

Tapasya's innovative solutions backed by its speedy services and swift communications have culminated in building trusting, long term relationships with its customers. Tapasya, remains by the side of its customers, as a beacon of hope for its problems and as a guiding source of light through its reliable services.



*Long before  
Thomas Edison patented -  
first in 1879 and then a year later in 1880 and  
began commercializing his incandescent light bulb, British  
inventors were demonstrating that electric light was possible with the arc lamp.*



## Services that Satisfy Beyond Expectations

Tapasya has a well-established service task-force readily available for speedy and dependable help at a click of a mouse or the ring of a phone. An assured response within 24 hours of a service call is Tapasya's promise.

Every product delivery is accompanied by Tapasya's team of experienced service engineers to guide customers through the product demonstration, trial, commissioning and also train customer's personnel in a professional manner. Tapasya provides experienced engineers to conduct Site Acceptance Tests on the equipment supplied.

The centralised service centre at Tapasya's Head-office, is supported ably by its Regional service hubs at various locations in India.

### ***Tapasya's Service Infrastructure:***

- Largest Team of Service Engineers in the Industry
- Global Experience of Over 1000 Installations
- Assured Response Within 24 Hours
- Ready Stock of Spares Inventory for Quick Replacements
- Committed Towards Uninterrupted Processing

### ***Central Service Hub***

Location: **Mumbai**

Facilities: **18 Service Engineers, Spares Management Team, ERP Systems**

### ***Regional Service Hub***

Locations: **North & South India**

Facilities: **Service Engineers, Spares Inventory**

### ***International Service Centre***

Locations: **USA, Belgium, Algeria, Egypt, Jordan, Ghana, Nigeria**

Facilities: **Sales & Service Engineers, Spares Inventory**

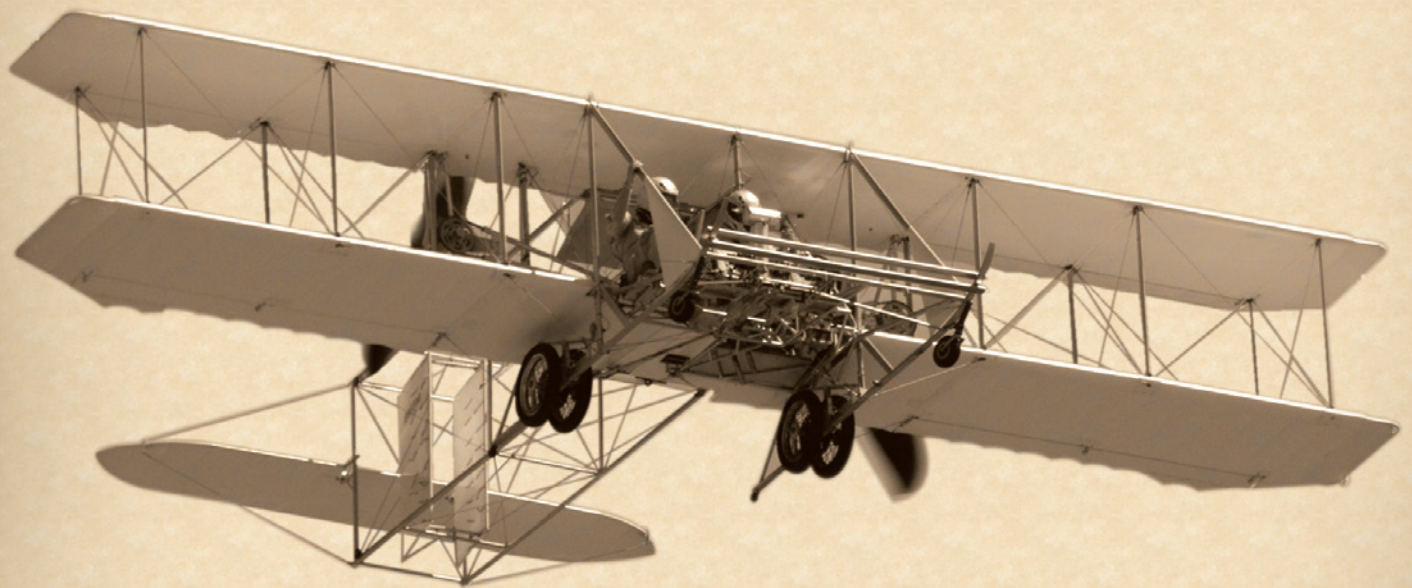
For uninterrupted manufacturing and for minimising the risk of any machine breakdown, 'Annual and Preventive Maintenance Contracts' facilities are offered. Further, Spares for all its machinery are readily available. Periodically, 'Upgrades' or 'Newer improved version' of its existing products are offered to customers with buy-back options.



# “BONDING BEYOND BOUNDARIES”

When the Wright brothers got it right, little did they realize the impact of their flying device! Flying high, at unimaginable speeds, the aeroplane has not only enabled man save precious time in reaching far and wide, but also, cut across boundaries to enable economies across the globe grow rapidly.

Positive experience with Tapasya's Products, has enabled the organization have a pan-global presence with over 1000 granulation lines worldwide & over 2500 HSMG's worldwide. The positive impact of the organization in the global healthcare and other allied industries is a matter of both, Achievement & Pride.



On December 17, 1903, Wilbur and Orville Wright made four brief flights at Kitty Hawk with their first powered aircraft. The Wright brothers had invented the first successful airplane.



## Reaching Customers Across the World, Across Various Industries

The longevity of performance of Tapasya machines and equipment, the high yields, superior quality and hassle-free maintenance service are some of the experiences cherished by its customers spread across the world.

Tapasya products have a very wide reach, extending beyond India, the country of origin, to reach the shores of many nations including Algeria, Bangladesh, Belgium, China, Ethiopia, Finland, France, Ghana, Greece, Indonesia, Jordan, Kenya, Malaysia, Morocco, Nepal, Nigeria, Oman, Pakistan, Romania, Russia, Saudi Arabia, Senegal, South Africa, Sudan, Tanzania, Tunisia, Turkey, UAE, UK, USA, Vietnam and Yemen.



From Pharmaceuticals to Nutraceuticals, From Food to Chemicals, From Cosmetics to other Allied industries, Tapasya has products to offer to each industry, as per their specific needs.

### ***Some of Tapasya's clients include:***

**Pharmaceutical Industry:** Abbott, Actavis, Aspen, Astra-Zeneca, Aurobindo, Biocon, Cipla, Dabur, Dr Reddys, Eisai, Fresenius Kabi, GSK, Glenmark, Hetero, Himalaya Drugs, IPCA, Johnson & Johnson, Lupin, Merck, Mylan, Novartis, Piramal, Pfizer, Ranbaxy, Reckitt Benckiser, Sandoz, Sanofi Aventis, Sun Pharma, Teva, Torrent, Watson, Wockhardt, Wyeth, Zydus

**Nutraceutical Industry:** Amway, GSK, Sarvottam Care Ltd.

**Food Industry:** Kraft Food, Jubilant, PepsiCo, Mondelez

**Chemical Industry:** Hindustan Ciba, Colour-Chem, Apar Limited, Sandoz, Colorcon, Biocon, GSK

**Cosmetic Industry:** Beta Health Care, Gattefosse

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using your smartphone to visit  
[www.tapasyaindia.net](http://www.tapasyaindia.net)



*Inventing the Telephone. "Mr. Watson, come here, I want you." With these words, spoken by inventor Alexander Graham Bell into his experimental telephone on March 10, 1876, an industry was born.*