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# Portraits of DOWE

Find out why Anand Mahindra and 24 others make it to our first annual Power List

Manufacturing

Proposition for TODAY

Proposi



## Announcing Manufacturing Today Awards 2012 "Celebrating excellence in Indian manufacturing"

Manufacturing Today started off with the objective of helping the Indian manufacturer excel and grow by being a useful, credible and respected industry publication. While we continue our editorial journey, we are taking our engagement with the industry to the next level by creating a platform where the endeavours and the accomplishments of the industry are recognised, honoured and celebrated. So, Manufacturing Today is pleased to announce its inaugural awards with the theme of "Celebrating excellence in Indian manufacturing".

Nominations are invited for eight company categories across two segments (based on annual turnover) from manufacturing companies operational in India for 12 months or more. There will also be three individual categories common to all segments. Thus, the total number of awards categories will be nineteen. Winners will be selected by an eminent jury consisting of experts and industry veterans through a rigorous selection process based on the nominations received. The awards function will take place in September 2012.

For the comprehensive nomination document, write to the editor at niranjan.mudholkar@itp.com

### DATES TO REMEMBER

Deadline for sending nominations: August 16, 2012

Jury meet: August 29, 2012 Awards night: September 14, 2012



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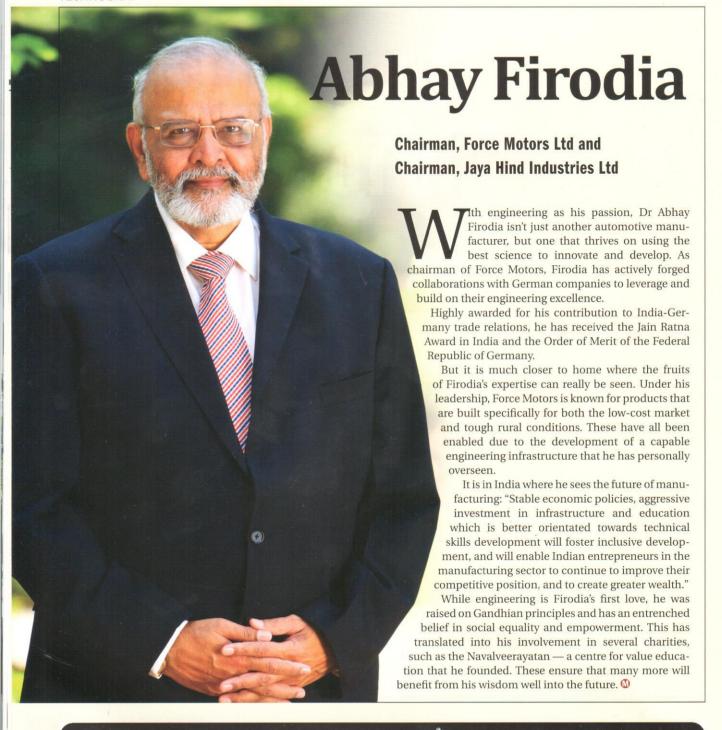


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**TECHNOCRAT** 







Chairman, Godrej Group

septuagenarian leader of a century-old family business might not typically be seen as a moderniser, but Adi Godrej is not your average old-timer.

With an outlook every bit as modern as his much younger peers, Godrej Group's chairman cast off the shackles of tradition to deliver a forward-thinking enterprise into a new era of industry.

Godrej was schooled in modern management over two stints at MIT. He brought the group through liberalisation and the decades that followed with a focus on improved efficiency and cost management to the point that today, Godrej Group is seen as a beacon of good organisation.

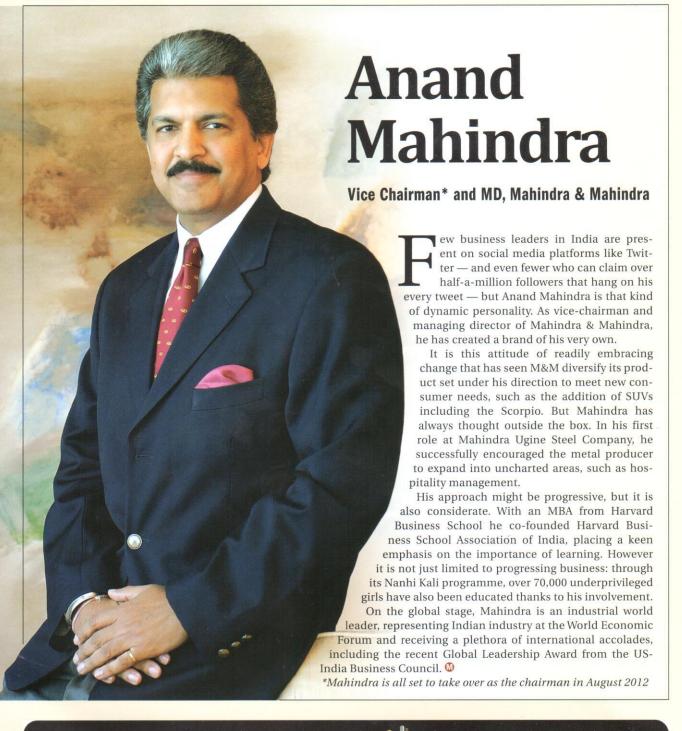
While a company whose products are used by an estimated 400 million Indians each day might reasonably bear the brunt of scale, the chairman's adherence to Kaizen—a focus on the continuous improvement of processes and the involvement of all functions within an enterprise—has kept Godrej Group lean and streamlined.

Breaking away from the traditional isolationist business model, Godrej saw foreign investment as an opportunity, not a threat. He used India's economic reforms to forge alliances with key multinational companies and expand Godrej's portfolio by building manufacturing operations outside India.

He moved Godrej Group from a family-managed business to one that placed heavy emphasis on headhunting outside talent to bring diversified experience. By the early 2000s, he had completed a 10-year plan to restructure the group into a number of standalone companies, each with its own leader from outside the Godrej family.

Vision brings its own reward, and today Godrej is one of the wealthiest men in India and his company is among the country's oldest and most diversified conglomerates. He currently serves as the president of the CII and has become well known for his philanthropic activities, and is notably a keen supporter of the Worldwide Fund for Nature in India.









## Anirudh Bhuwalka

MD & CEO, AMW India

ome would consider it foolish to take on some of the automotive's big guns, especially while in your early thirties, but for Anirudh Bhuwalka it proved to be a stroke of genius. As a greenfield venture, Asia Motor-Works (AMW) was not bogged down by expensive infrastructure, and so was able to create a manufacturing model that would suit the changing global environment.

By cherry-picking component manufacturers from around the world and taking advantage of attractive government subsidies in Gujarat, AMW has been able to be both competitive and quick to the market with quality products. A relative newcomer to the commercial vehicle market, the company already has the second most popular product in the tipper segment, behind industry heavyweight Tata Motors.

As founder, MD and CEO, Anirudh Bhuwalka is the driving force behind this modern company. Keeping not just the customer but also the end-user in mind, he has made customer centricity a key part of the commercial vehicle segment. Something as simple as introducing air-conditioning as standard has taunted its competitors into re-evaluating their product features and segmentation models.

Under Bhuwalka's direction, it is this clever thinking and flexibility to customize products that has given AMW a reputation as a game-changer. But its not just about fancy features, but rather creating vehicles that use the best technology available yet meet the needs of the Indian environment. To ensure AMW remains at the forefront of innovation, Bhuwalker oversaw the opening of a research and development facility in Mumbai, and gave the staff there the brief to think outside the box. With this relatively new face in the industry, we can expect more exciting advances in commercial vehicles. @

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**Director (and previously Chair)** of Thermax Limited

> n engineering's largely male dominated domain, Anu Aga has proven that women can not only succeed but also break through the glass ceiling and lead the field. As director, and previously chair, of Thermax, she is one formidable leader.

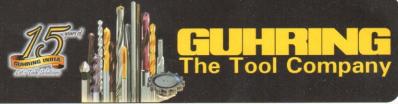
A social worker by training, Aga brought some unique skills to Thermax and positioned the company to become more cost efficient in a changing competitive landscape by right-sizing its operations and shedding non-core activities.

A more focused business was then able to look at how to improve how it serviced its customers. Aga reflects: "Being customer-focused has been the main strength of Thermax. Listening to the voices of our customers has helped us come up with innovative solutions in the areas of energy and environment. We also strive to continuously improve our performance in terms of quality, streamlined processes, reliable services and cost."

Upon retiring as chair in 2004, Aga has barely had a chance to breathe, choosing to use her skills and influence to create access to bridge the inequity gap in education for children living in slums, working on the Thermax Social Initiatives Foundation and as a Board member for Teach for India.

Whilst outspoken on issues such as corporate governance, corporate social responsibility and female empowerment, her disarming style ensures she is heard and respected. Her next challenge will be to bring this insight and energy to politics. Recently nominated as a member of the Rajya Sabha by the president, Aga's influence on Indian society and business will continue onwards.

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FOREIGN FIREBRAND

## Armin Bruck

**MD**, Siemens Ltd

t a time when most executives have their eye on grabbing the high-end of the market, Dr Armin Bruck has shown his strategic approach by chasing the low-cost segment. As managing director of Siemens, he has seen the opportunity that the low-income mass-market represents, not just in India but in other emerging economies like Brazil and China.

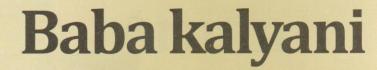
It is an ambitious goal — after all, the Siemens brand is associated with highend technology, so the innovation must be clever enough to produce at low cost while still maintaining quality. The company's target is to create over 60 new products to meet the needs of the emerging market segment over the next eighteen months. Bruck calls his execution strategy SMART: simplified, easy to maintain, affordable, reliable and timely to market.

"At a time when manufacturing is reeling under pricing and margin pressures, it is mission critical to increasingly look at innovation to improve quality, productivity and efficiency. Using intelligent technologies, the sector can add further customer advantage with performance optimized across the value chain while contributing to the environment by reducing their energy footprint."

As a young MD, Bruck also shares the concerns of any parent, particularly when transplanting his children from their home in the

West to a new life in Asia. Luckily his family shares his passion and energy for Indian culture, ensuring he is here to stay. With Bruck playing key role in the strategic outlook of the company, Siemens will continue to impact India as it emerges into a developed economy.





Chairman, Kalyani Group and CMD, Bharat Forge

aba Kalyani has never really been accustomed to following the pack. For example, while his peers would shun all things foreign in a bid to protect their home turf in the early nineties, Kalyani was focused on forging new overseas partnerships for Bharat Forge. The strategy paid off, with company now earning almost half of its sales through exports – but then he always knew this would be the case.

While some might see Kalyani as a maverick entrepreneur, the truth is that all his activities are based around a well thought-out and researched plan. Over 40 years at Bharat Forge, he has built the company into one of India's most innovative manufacturers, but this didn't come easily. He had to fight the prejudices of his European counterparts and now not only he exports to them but also partners with them in groundbreaking research projects.

His approach to business is simple. When it comes to labour, he firmly advocates hiring the best staff possible; indeed, a young Baba Kalyani pushed hard to encourage his father to move away from mass unskilled labour in favour of recruiting more expensive graduates, thereby building a leaner organisation before this became the norm.

And to make sure that his company stays at the cutting edge of manufacturing, he has instilled a culture among his executives always to be on the look out for future trends. It is this forward vision that has led Bharat Forge to diversify into oil and gas, while the company is currently conducting automotive research on how to help India reach its vehicular emission targets.

A firm believer in education, Baba
Kalyani set up the Pratham Pune
Education Foundation, which
educates lakhs of children
around the city. He has
also pioneered a new business model, alongside the
Industrial Training Institute in Pune, to bring
public and private sectors together and change
the face vocational training in India.

At a time when he could be looking to take a back seat after a long career, it is more in Baba Kalyani's character to think about how he can take his company further into the future.



### **B Prasada Rao**

CMD. BHEL

he public sector isn't especially known for its innovation or swiftness, but under the leadership of B Prasada Rao, Bharat Heavy Electricals (BHEL) has proven that it can not only compete with the private sector but also show it a thing or two.

As chairman and managing director of BHEL, Rao's focus has been on transforming the company into a "global engineering enterprise". With one new patent on average lodged daily, and one of the largest research and development spends in India —

representing 2.5 per cent of sales — BHEL is leading the way in innovation.

> However, Rao's strength is in his broad vision, looking beyond just his engineering expertise. In over 30 years at BHEL he has been responsible for streamlining and improving functions from planning and supply chain sourcing to training. His vision to build BHEL's future workforce has led to the establishment of industrial training institutes near their manufacturing facilities, and formal mentoring programmes for promising recruits.

It is this foresight that has enabled Rao to successfully execute five-year business plans with keen precision — his most recent of which ambitiously targets a turnover of \$20 billion by 2017-

a goal the company is on track to achieve.

But it isn't just about improving his company: Rao also has a sense of international civic responsibility. Representing India at the Study Group of the World Energy Council (WEC) in developing "energy policy scenarios to 2050", he has been looking at how to achieve the goals of energy accessibility, availability

acceptability globally.

## Brijmohan Lall Munjal

Chairman, Hero Group

t is hard to believe that the world's top two wheeler company started out by selling basic cycles to the poorest of society in Ludhiana. It is certainly not the textbook way to build a multi-billion dollar company, but then Brijmohan Lall Munjal doesn't follow any path, preferring to follow his own dreams.

As founder and Chairman of Hero Group, Munjal is an entrepreneur in the true sense of the word; instinctive, courageous and tenacious. He foresaw the benefits of building relationships early and developed his own dealer network before the concept existed in India, even today Hero products are sold by the same dealers.

Making technological decisions against industry trend is a gutsy move, particularly for one without any formal engineering training, but Munjal has proven how much vision can inform decisions. After all it was Hero's decision to use four stroke technology when everyone else was opting for two-stroke engines that catapulted Hero to the top of the pack.

In his distinctive style, Munjal also has a unique approach to employee engagement not likely to be seen in HR manuals. Where most focus on retention, Munjal takes an

active role in mentoring employees to be entrepreneurs and pursue their own dreams, 40 former employees of Hero are now successful entrepreneurs.

Despite his phenomenal success, Munjal has never forgotten his humble beginnings in Ludhiana. In his own unique style, he has used his visionary approach to build some of the city's infrastructure such as the Ludhiana Stock Exchange,

Flying Club and Dayanand Medical College and Hospitalan Institute.

Munjal is far from predictable, but always considered. We wait in anticipation to see just what he foresees next.



anufacturing Today JULY 2012

## Dilip Oommen

MD & CEO, Essar Steel



FOREIGN FIREBRAND

## Hiroshi Nakagawa

MD, Toyota Kirloskar Motors

hanging the mindset of the Indian population is not an easy task. but in his short time as managing director of Toyota Kirloskar Motors, Hiroshi Nakagawa has already achieved this. Shifting the brand's luxury associations and bringing it to the masses, the carmaker is now brand of choice for many new entrants to the car market

With the devastating impact of tsunami still being felt in Japan, coupled with flattened demand in developed countries, Toyota is now looking at emerging markets like to generate future growth. With Nakagawa at the helm, Toyota is leading the way, looking beyond the obvious upwardly mobile urban market and targeting the large rural and newentry segments.

The Etios, the first product manufactured specifically for Indian roads, is only just the beginning, with six new small vehicles set to be unleashed on the market over the next three years. While a product is important, Nakagawa knows that it is sales that talk, and with over one lakh vehicles on the roads since its 2010 launch, the Etios is a runaway success.

> But this is not just a stroke of luck: in a career spanning over 35 years, Nakagawa has proven he is capable of achieving the impossible. In Thailand, he led the international multi-purpose vehi-

cle project, proving that a single platform could produce multiple vehicle varieties. Not bad for a politics and economics major.

While four-wheelers have made him a success in business, Nakagawa's true passion away from the desk is mountain biking. Getting out, enjoying fresh air and exercising is how he unwinds from his demanding working week.

**TECHNOCRAT** 



## **Jamshyd** Godrej

CMD, Godrej & Boyce **Manufacturing Company Ltd** 

eing an environmental crusader seems at odds with leading one of India's largest companies, but Jamshyd Godrej seems to have found a way for the two to be complementary. As chairman and managing director of Godrej & Boyce Manufacturing Company Ltd, he oversees a conglomerate of businesses ranging from consumer white-goods to process equipment for chemical industries.

Whilst he is one of India's foremost business men. he has taken on the role of 'greening' India with vigour as Chair of the CII Sohrabji Green Business Centre, a Centre of Excellence for environmental sustainability. Starting with the Godrej Group, he has not only ensured they reduce their carbon footprint by using greener manufacturing processes and inputs, but they are also striving towards adopting world leading practices in their offices and plants.

Due to his efforts, the Godrej group is now considered to be a case in point for socially conscious companies. He now has his sights set on Government, both as a significant owner and builder of infrastructure and through the legislature.

But it is for his achievements to business that Jamshyd Godrej is most awarded. With nearly 30 years leading Godrej & Boyce, and now as Chair of Aspen Institute - India, he has shaped not only the company but the industry in India as well. For his contribution to industry the President of India conferred on him the Padma Bhushan.

His legacy to both manufacturing and the environment will no doubt endure for generations to come. @



YOUNG GUN



Chairman, Aditya Birla Group

t a time when many are still working out what do with their career, Kumar Mangalam Birla was taking over as chairman of the Aditya Birla Group. Despite his tender age of 28, he immediately demonstrated his innate business acumen by accelerating the company's growth that has resulted in a turnover now a staggering \$35 billion.

Some industry stalwarts could claim the group's acquisition strategy was no more than wreckless and fuelled by youth — under Birla's watch the company has made 22 acquisitions over 17 years, including Novelis, the second largest picking by an Indian company. But he has proven them wrong.

Birla has taken the Aditya Birla Group on a trajectory beyond being a good Indian company to now being a global powerhouse. With most of its revenue generated overseas and operations in 36 countries, Birla has managed to navigate the challenges of rapid growth in his own inimitable style.

Despite the skeptics, he has shown that not only is he worthy of his position, but so must everyone else in the group. With meritocracy ruling progression, he has ensured that the company is led by only the best.

With over 133,000 employees, Birla has also ensured that they give back to the communities in which the group operates, mandating the importance of welfare activities that have a distinctive impact. In India alone, Aditya Birla Group runs 42 schools and 18 hospitals.

But one can't help but wonder, as Birla is still only in his forties, how much bigger still Aditya Birla Group can grow under his exemplary leadership.

**TECHNOCRAT** 



he "Father of Indian SUV's" is a title conferred on Dr Pawar Goenka as the driving force behind the Scorpio, the vehicle that launched the sports utility vehicle segment in India. Goenka led the project end to end from market research to seeing it roll of the production line, an achievement most engineers dream of but few have the opportunity to realise.

As president of the automotive and farm equipment divisions of Mahindra & Mahindra, Goenka is less involved in dayto-day operations nowadays, lending his experience to directing the broader strategy of the company. But he still likes to get his hands dirty from time to time, such as with the recent Ssangyong joint venture.

With a PhD in mechanical engineering from Cornell University, Goenka is the quintessential scientist. He is still recognised in academic circles for papers he wrote nearly 40 years ago, such as his work on engine lubrication and tribology. Being able to make the leap from academia to being a leading businessman is one few have done successfully, but Goenka has achieved it with relative ease.

Highly awarded both in India and internationally, one of his career highlights was being conferred the prestigious SAE Fellowship by the Society of Automotive Engineers in the United States for his outstanding engineering and scientific accomplishments. More recently Goenka was awarded CV Man of the Year at the annual Apollo CV awards.

Of course being the humble man that he is, Goenka always credits the team surrounding him for his achievements, but we know that there are few in the world who have come close to his contribution to automotive engineering in India. @

FOREIGN FIREBRAND





**Executive vice-chairman, Ashok Leyland** 

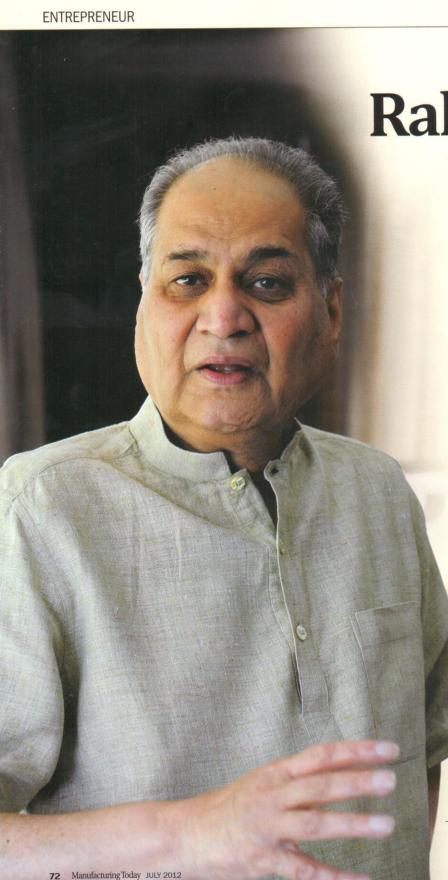
s executive vice-chairman of Ashok Leyland, R Seshasayee's professional achievements are well documented. Over his 30 years in the company, he has spearheaded the globalisation of the business and forged strategic joint-ventures with the likes of Nissan Motor Company, John Deer and Alteams Group.

But did you know that Seshasayee is also a skilled illustrator, who used to paint cinema posters during his college years - and even write copy for them? A fiercely private person, his passion for the arts is something that many of his closest colleagues may not even be aware of. As a visionary leader, Seshasayee has been able to use his business acumen to further the arts as vice-president of the Academy of Music.

Finding time to do the things that are important to him is an admirable quality, especially for someone so busy. He also is involved in several charities, including in the role of chairman of the executive council of the Cancer Institute of Chennai, and president of Schizophrenia Research Foundation.

But it is for his contribution to the Indian automotive industry that Seshasayee is best known. From being an active member of the Confederation of Indian Industry, the Society of Indian

Automobile Manufacturers and the Board of Trade to representing India at World Trade Organisation delegations and the World Economic Forum, he has played an important and enduring role in shaping both Indian and global manufacturing.



Rahul Bajaj

Chairman, Bajaj Auto Ltd

here are few businessmen as outspoken as Rahul Bajaj. He is not just the chairman of Bajaj Auto Ltd. one of India's largest companies, but also an iconic personality who is not afraid to voice his opinions on controversial topics, such as ethical business, civic responsibility and macroeconomic management.

His contentious thoughts also extend to the boardroom; when many believed Bajaj Auto should expand into the four-wheeler segment, he chose not to. In doing so, Bajaj proved that a good entrepreneur is one who knows when to do something and also when to refrain.

Rather than develop more vehicles, he led Bajaj Auto into diversification. It is this vision that saw Bajaj Auto — traditionally a scooter maker - become a conglomerate that produces home appliances, iron, steel and even financial products.

Whilst his public persona is larger than life, as a manager he has a reputation for being approachable and open. Ensuring staff have autonomy to make decisions and the room to learn and develop. These softer skills have also helped many through both Bajaj Auto's corporate social responsibility initiatives and philanthropic endeavours that Bajaj has personally sponsored.

With accomplishments recognised worldwide - Bajaj has even been appointed Knight of the Order of Legion of the French Republic - success hasn't just fallen in his lap. Hard work, continuous learning and large dose of integrity are the secrets to his success. Whilst he loves the company he has shaped, Rahul Bajaj is also a dedicated family man with two sons and daughter.

**TECHNOCRAT** 





Chairman, Tata Sons

th a surname like Tata, there was little choice for the young Ratan to do anything other than enter the family business in 1962 after completing his undergraduate degree from Cornell Univerity. But rather than being shown straight to his office, he started on the shopfloor and worked his way through the ranks of the Tata Group.

Holding the reins as chairman of Tata Sons for the past 20 years, he has transformed this group into a global powerhouse, responsible for such famous brands as Jaguar, Tetley, Land Rover and of course Tata. Where many conglomerates are just an amalgamation of businesses, Ratan Tata has turned this group into a cohesive portfolio trusted in such varied industries as steel production and software consultancy.

Whilst some consider the success of "Ratan's follies" just to be a stroke of luck, he has proven his detractors

wrong, with these so-called follies, which include the world's cheapest car, the Nano, proving to be an intuitive but considered and well-executed strategy. It is this vision to believe in the seemingly impossible, along with his attention to detail, that enables it to be brought to life; that has made Tata one of the most revered Indian businessmen of our time.

Globally acknowledged for his commercial prowess, Tata serves on International advisory boards for blue-chip companies including JPMorgan Chase and Mitsubishi Corporation. He has numerous honorary doctorates and was awarded the Padma Vibhushan in India in 2008.

While he is set to retire at the end of this year, Ratan Tata's stamp on India and manufacturing globally will endure for years to come. Considered to be India's most eligible bachelor even well into his seventies, he is fiercely protective of his private life. We know he relishes the time spent with his German shepherds and beloved cars, but what he does next is anyone's guess.



## S Sandilya

Chairman, Eicher Motors



**ENTREPRENEUR** 



CMD. Kirloskar Brothers Ltd

ne would not normally consider the term entrepreneur to describe someone from the fourth generation of a family business, but Sanjay Kirloskar is an exception. As chairman and managing director of Kirloskar Brother (KBL) for almost 30 years, he has led the company to become what is now one of the fastest growing in India.

Kirloskar's growth strategy has built the company's presence both in India and overseas, with KBL now a global leader in pump manufacturing. Manufacturing through its state-of-the-art facilities, and including a strong presence in Africa, KBL has customers across the globe.

Under Kirloskar's direction KBL doesn't just look at innovative ways to move fluid around, but has also been a pioneer in how to green the industry Promoting energy conservation and

industry. Promoting energy conservation and innovation since the late eighties, KBL is leading the way with initiatives that include the world's largest pumping scheme, at the Sardar Saroyar project in Gujarat. Even KBL's head

office in Pune has been built to stringent LEED regulations and is Platinum rated.

Kirloskar doesn't just pay lip-service to conservation, but rather sees it as a part of the company's philosophy: "You have to decide how you want to work and what is your framework. One thing we have decided is that we would do our bit for sustainability. You can be an ethical company and still grow."

His forward thinking has also led to the introduction of initiatives that bring the end consumer closer to the production process. For example, at its Coimbatore plant, which produces domestic pumps predominantly used by women, a concerted effort has been made to increase the number of female employees.

Despite his long tenure, Kirloskar is still a relatively young chairman. We can expect to see KBL continue to revolutionise the fluid management industry for years to come.





CMD, Sundaram Clayton Ltd and TVS Motor Company

t would have been easy for Venu Srinivasan

to just join the family business, but he was never one to take the easy road. Cutting his teeth instead as a mechanic in his own garage, he learned his trade from the ground up. And even while studying for his Master's degree in America, he took on the challenge of selling bibles: while many doors were slammed in his face it didn't deter his persistent spirit.

Coupled with his perseverance is courage – after all it takes a brave leader to test the unions by shutting down operations for three months, but Srinivasan did just that in the late eighties and led his company valiantly into a new era. He showed the same qualities again in 2001 when he took on Japanese powerhouse Suzuki, buying them out of a joint venture and creating the new TVS brand.

Long before total quality management became a buzz phrase in Indian manufacturing, Srinivasan was learning from his Japanese counterparts how to implement production efficiencies and raise the bar on quality. For this he has been internationally recognised with an honorary doctorate from Warwick University for excellence in manufactur-

ing. Moreover, TVS Motor Company was the first two-wheeler company in the world to be awarded the distinguished Deming Prize.

While notorious for his workaholic nature, Venu Srinivasan has never forgotten his humble beginnings, regularly visiting the shop floor and listening to his employees' concerns. It is this humble nature that will ensure Venu Srinivasan continues to be a popular and enduring force in Indian manufacturing.

YOUNG GUN







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