

# Gears, Motors and Controls Expo 2009—

## PROMISES INDUSTRIAL GROWTH IN INDIA



Photo courtesy of Tom Calendera.

As India looks to recover from the global economic slowdown, the trade show circuit in Asia has been hit with budget concerns and attendance issues. Although many 2009 Asian trade shows have been postponed or outright cancelled, others plan to carry on in an effort to create more opportunities for the industrial and manufacturing sector.

The Gears, Motors and Controls Expo 2009 (GMC) is scheduled to take place at the Chennai Convention Center in Chennai, India May 14-17 to bring together buyers and sellers of gears, motors and control equipment and promote industrial manufacturing in India.

Organized by Conventions & Fairs (India) Pvt. Ltd., GMC 2009 is designed to encompass developments in these fields and bring together key corporations to discuss the future of Indian manufacturing.

According to the expo's website ([www.gmconline.in](http://www.gmconline.in)), industrial corporations and consulting companies continue to remain upbeat about India's economic forecasts despite recent reports. To sustain economic growth, the country is focused on rapid development and massive infrastructure projects in 2009 and 2010. Industry observers say the market is currently shifting toward heavy manufacturing in the region.

Because of these factors, many exhibitors believe GMC 2009 will be a great focal point for managers, engineers, buyers and quality control personnel in industries from

defense and agriculture to automotive and construction to help jumpstart India's industrial economy.

Some of the products at GMC 2009 will include AC/DC motors, stepper motors, electric motors, motor accessories, geared motors, servo drives and motion controllers; motor starters, internal combustion engines, hydraulic motors, pneumatic motors, turbines, right angle gearboxes, worm gearboxes, rack and pinion gears, spur gears, hydro-mechanical equipment, helical and bevel helical gearboxes; roller chain sprockets and switchgears.

GMC 2009 will be held in conjunction with the Pumps, Valves and Compressors Expo 2009. The exhibition is supported by the All India Electric Motor Manufacturers Association and the All India Association of Industries. Media Partners include *Engineering Review*, Tender World Newspapers Group, Product Finder, Trade India, India Mart, Kompass, Project Vendor and Tender Tiger.

The Chennai Trade Center is a state-of-the-art exhibition complex that offers four halls, an auditorium that seats 1,000, storage and warehouse facilities, banquet halls and restaurants and snack bars. The center is in close proximity to both the airport and train station near Chennai.

Organizers at Conventions & Fairs (India) Pvt. Ltd. have been involved in trade shows for 17 years in India and hope to build on their reputation with GMC 2009. The success of the show, according to organizers, will rely heavily on the future business that it will create.

According to B&K Securities, an Indian investment firm, the country is a key growth market as there is a discernible trend in shifting the base of heavy manufacturing to the region. Fluid power is an integral component in the capital goods business, and given the increasing demand and robust environment, the prospects of this industry look promising. For more information on GMC 2009, visit [www.gmconline.in](http://www.gmconline.in) or contact [conventions@mtnl.net.in](mailto:conventions@mtnl.net.in).



Photo courtesy of Asif Akbar.

**Innovations in the design and manufacture of aerospace gears and gearboxes**



## June 3-5—Advanced Gear Design and Theory.

UWM School of Continuing Education, Milwaukee, WI. This advanced course for experienced designers will address topics key to the application of gears in today's products with an emphasis on proper selection, design application and use, as opposed to fabrication. The curriculum outline addresses manufacturing methods and considerations; inspection and quality control; materials and heat treatment; drawing data requirements, specifications and formats; basics of load capacity rating; theory, practice and reality; and lubrication types and methods. Knowledge of geometry, trigonometry and elementary algebra is required. The course is part of the continuing education program at the University of Wisconsin—Milwaukee and is taught by Raymond Drago, chief engineer for Drive Systems Technology, Inc., a mechanical power transmission consulting firm. For more information, contact Murali Vedula, program director, at (414) 227-3121 or [mvedula@uwm.edu](mailto:mvedula@uwm.edu), or contact Debra O'Neill, program assistant at (414) 227-3100, or [oneill@uwm.edu](mailto:oneill@uwm.edu).

## June 16-18—Western Manufacturing Technology Show.

Northlands Park—AgriCom, Edmonton, Alberta, Canada. Held every two years in Alberta's capital, Western Manufacturing Technology Show (WMTS) is a showcase for manufacturers of products ranging from machine tools, welding equipment, design engineering and plant maintenance to process control and automation. This event is a major forum for manufacturing professionals from Edmonton and the surrounding area to source machinery, equipment, supplies and services for all aspects of their operations. WMTS helps industry professionals address production challenges and pinpoint new opportunities. It offers an opportunity to view a wide range of product lines and locate suppliers for products and services that can help their businesses. For more information, contact [canadasales@sme.org](mailto:canadasales@sme.org) or call (888) 322-7333.

## June 28-July 1—International Conference on Powder Metallurgy and Particulate Materials.

The Mirage Hotel, Las Vegas. The latest PM products, raw materials and process equipment will be on display at the trade exhibition portion of this annual PM conference. Other events include the annual state of the PM industry special session, keynote address, award presentations for outstanding PM parts, products and service to the PM industry. Experts from around the world will deliver more than 200 technical presentations in 46 sessions and six special interest programs. Technical sessions will cover advanced gear processing, advanced powder production techniques, nanostructured materials, thermal management materials, functionally gradient materials, biomedical applications in powder injection molding in addition to trends in metal powders, PM processing equipment and PM parts making. For more information, visit [www.mpif.org](http://www.mpif.org) or call (609) 452-7700.

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