



Pradeep Goyal has completed Metallurgical Engineering at IIT Kanpur in 1978, graduating with the first rank. He was awarded silver medal by the President of India. IIM awarded him the best Metallurgist of the year.

Completed Masters in Metallurgy at MIT (Massachusetts Institute of Technology) USA, with a full scholarship.

After a small stint of work in USA, returned to India in 1983 to start his company Pradeep Metals Ltd, of which is the Chairman and Managing Director. The company manufactures and exports forgings.

Interests:

Professional

- Served as a Chairman in ASM International, India Chapter during the years 2002 -2005.
- Started two new student chapters with a membership of about 110 students
- Started State Chapter in Gujarat with

Government Focus on Material Science Missing

38 members

- Organized an international conference Transmat EXPO 2004.
- Organized first Materials Camp for 11th Standard Students in April 2005 jointly with NACE and ASM Education Foundation.
- Trustee of ASM International for a term of three years (2005-2008)
- Organized an INDO-US Workshop on Microwave Technology for Material Processing "A Promising Option for Tomorrow" in Feb. 2006 in Mumbai, under the banner of ASM International.
- Chairman of Conference and Exhibition on Advancements in Melting

- Pradeep Goyal

Advisor - ASM International
India National Council

Metallurgy & Technology "MeltMetech" during May 2012 at Bombay Exhibition Centre, Mumbai.

- Chairman of MET 14+11th Heat-treat Show organized in December 2014 at Gujarat.
- Chairman of MET 16 +12th Heat-treat Show organized in October 2016 in Navi Mumbai.
- Conducting research in a novel manufacturing process to manufacture

steel using microwaves. Potential to save 50% energy and reduce greenhouse gases by 50%

Social

- Past President, Rotary Club of Mumbai South
- Past Assistant Governor of Rotary International District 3140
- Chairman & Trustee of Ekal Vidyalaya Foundation, an NGO that runs over 59000 single teacher schools in tribal areas of India and teaching 1.5 million children upto 3rd grade.
- Business - Directorships
- UPL Limited
- Hind Rectifiers Limited
- Director IIT Bombay Research Park
- Member Technology Development Board GOI
- Janakalyan Sahakari Bank Limited (Former Vice Chairman)
- Professional Membership
- Indo-German Chamber of Commerce
- Thane-Belapur Industries Association
- Indian Merchants' Chamber

Excerpts

What are the present activities and objectives of ASM?

The main objective of ASM India is to disseminate knowledge about Materials to the industry, R&D organisations and educational institutions.

ASM conducts monthly technical lectures on varied topics related to material science subjects, energy, business opportunities, government policies and other issues related to the materials



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technology industry.

- ASM conducts short term courses on topics of interest to the industry e.g. Metallurgy for Non-Metallurgists, Failure analysis, Fractography, Aluminium metallurgy, Value engineering, etc.
- ASM organizes biannual conferences and exhibitions on topics such as emerging materials for industry (MET), Heat Treatment, Space materials (ADMAT), etc.
- ASM conducts week long materials camp for high school students to familiarise them with the field of Materials Science to encourage them to take up the subject for further studies. Recently a Teachers Camp was conducted in Pune for awareness in Materials Science.

What do you expect from the government on the policy front?

Government of India has started skill development program which is a most welcome initiative. However, ASM recognizes that several skill areas such as Heat Treatment, failure investigation, testing of materials, etc are not covered by the

Government. ASM can help the Government to streamline these skill areas and create programs to bring the youth into the main stream material technologies by providing skills in the above areas. The focus of the Government on material science is missing even though it is the core industry for every other industry in India. ASM would like to emphasize that materials science be made a part of Engineering curriculum in all colleges.

What are your views on Global & Indian Metal Industry in the coming years?

Presently global metal market has gone through a slow period particularly in the last two years. Auto, steel and cement industries have started picking up. Government has also initiated large investment in rail, road and infra structure. Hence the coming few years for the metal industry are very bright. The demand for new materials is consistently growing for the auto, aerospace, shipping, rail-road and space. The new materials and special alloys will be required in large quantity for these industries to make higher quality products.

How are you helping the industry to upgrade technically?

As mentioned above, we invite experts from various countries to address the Indian audience in the latest developments on materials science and technology. ASM and IIM have together initiated a lecture series under which visiting Scientists come from USA and Indian Scientists go to USA to deliver talks on the developments in the Materials Science industry. This gives Professionals the opportunity for interaction between industry and academia to look at future opportunities for collaboration and upgradation of technology. Several areas, where this has been achieved, are welding, foundry, NDT, surface engineering, etc.

Of late, ASM has also introduced new workshops in areas of additive manufacturing, friction stir welding, forging technologies, etc.