

THE INDIAN INSTITUTE OF METALS – DELHI CHAPTER

ANNUAL REPORT FOR THE YEAR 2012-13

Gentlemen,

I have the pleasure to present the Annual Report of the Delhi Chapter for the year 2012-13.

2. During the year we lost Sri S. Samarapungavan, one of our respected senior members. IIM DC paid rich tributes to Late S. Samarapungavan. He expired in USA on 22nd February 2013.
3. The 60th Annual General Meeting of The Indian Institute of Metals – Delhi Chapter for the year 2011-12 was held on Saturday, 23rd June 2012 at 11.30 AM at Jawahar Dhatu Bhawan, 39 Tughlakabad Institutional Area, M B Road, New Delhi-110 062, wherein the Annual Report and Accounts of the Chapter for 2011-12 were presented and approved.
4. The outgoing EC proposed the following slate of 19 members for the next EC (2012-13) from the list of consenting members and the same was approved by AGM at its meeting held on 23rd June 2012.

- 1 Mr. Anil Gupta
- 2 Mr. S C Suri
- 3 Mr. K L Mehrotra
- 4 Mr. V C Singhal
- 5 Mr. G I S Chauhan
- 6 Mr. M P Sharma
- 7 Mr. M Saravanan
- 8 Mr. Neeraj Gupta
- 9 Mr. N Vijayan
- 10 Mr. P K Chatterjee
- 11 Mr. B D Jethra
- 12 Mr. V K Tyagi
- 13 Mr. R K Gupta
- 14 Dr. G N Mohanty
- 15 Mr. A C R Das
- 16 Mr. Deepak Vaidya
- 17 Mr. Ram Gopal
- 18 Mr. Vipin Jain
- 19 Prof. H K Bhansali

5. Subsequent to approval of the slate by AGM, the position of the members was decided unanimously by EC in its first meeting held on 23rd June 2012. The details of the position of the members, as decided by EC, is at Annexure.

5.1 Looking at the vast experience of our following members, the EC inducted the following as Advisers:

1. Mr. B R Thukral
2. Mr. Raj Tiwari

5.2 Further the EC nominated the following as invitees:

- 1 Mr. A N Singh
- 2 Mr. V N Grover

- 3 Mr. Ramesh Lal Mankani
- 4 Mr. Deepak Jain

6. **Executive Committee Meetings**

During the year 2012-13, eight EC meetings were held. Among other things, important decisions on MMMM 2012, activities and functioning of the chapter, expenditure, etc. were taken. Many new activities were initiated by the Technical Committee and found favour with Industry around. These also included visits, interaction, skill development programmes, workshops on technical subjects and inviting industry stalwarts and honouring them.

7. **Constitution of Committees**

- 7.1 The following are the Committee Heads of various committees at IIM DC for the year 2012-13:

Committee

Committee Head

- 1. Asset Management & Resource Cell
- 2. Relations & Development Cell
- 3. Technical & Publications Committee

Mr. K L Mehrotra
Mr. R K Gupta
Mr. S C Suri

Ex-Officio Members

Mr. Anil Gupta, Chairman
Mr. V C Singhal, Hony. Secretary

8. **TECHNICAL ACTIVITIES**

8.1 **Plant Visits**

IIM Delhi Chapter regularly organizes plant visits in and around NCR for benefits of its members. In this connection, teams of IIM DC members visited the following plants on 7th April 2012 and 7th March 2013.

- | | | |
|-----|-----------------------------|----------------------------|
| (a) | Hansa Metallica Ltd, Mohali | 7 th April 2012 |
| (b) | Oswal Casting, Faridabad | 7 th March 2013 |
| (c) | HGI Automotives, Faridabad | 7 th March 2013 |

While Hansa Metallica Ltd has in-house facilities for Cold Rolled Steel Strips and foils and high frequency ERQ precision tubes, the other two plants at (b) and (c) above produce aluminium automobile components for automakers. Briefs on the visits to these plants was sent to HO and is also available on IIM DC website.

9. **Workshop on Ferro Alloys**

The Indian Institute of Metals-Delhi Chapter organized a Ferro Alloys Workshop on 1st May 2012 at their Chapter premises.

The following two presentations were made in the Workshop:

- (a) Indian Ferro Alloys Industry – Present Status and Future Outlook delivered by Mr. C N Harman, Director (Technical), Facor Alloys Ltd.
- (b) Manganese Ore, Chrome Ore, Ferro Alloys

delivered by Mr. G P Kundargi, Director (Production & Planning), Manganese Ore India Ltd.

Around forty five representatives participated in the deliberations of the Workshop. They included representatives from Tata Steel, M N Dastur & Co, Mecon, SAIL, Jindal Steel, Steel Furnaces Association, ECI, MOIL, Department of Steel and representatives from various Ferro Alloys Manufacturing Units.

A small write up on the workshop was sent to HO and is also available on the website of IIM DC

10. **Seminar on Nano Technology**

The IIM-DC organized a Seminar on Nano Technology on 5th May 2012 in its auditorium.

The Seminar was attended by about 60 persons. The audience included students pursuing Nano Technology stream, officers from Ministry of Steel, SAIL, MECON, CET, Joint Plant Committee and a few other organizations.

This technology basically involves manipulation of atoms, molecules and materials to form structures on the Nano Scale (billions of a metre). These new structures physically exhibit new properties or behaviour due to quantum mechanics.

Five eminent scientists from different institutes/organizations gave presentations as under:

1. Dr. R P Singh, Director, Amity Institute of Nano Technology gave the key-Note address in the Seminar and spoke on "Indian Status of Nano Technology & its Future Perspectives
2. Dr. P K Chaudhury, Scientist G & Head Nano Technology Division of Solid State Physics of Ministry of Defence, R & D Organisation spoke on "Carbon Nano based Tube Devices
3. Dr. A K Srivastava, Principal Scientist of National Physical Laboratory, gave a presentation on "Materials Characterization at Nano Scale:Importance & Implication"
4. Dr. R. Bhattacharyya, Visiting Faculty of Delhi Technological University, spoke on "Metal Nano Particles and the Promise of Plasmanics"
5. Dr. O P Sinha of Amity Institute of Nano Technology addressed the gathering on "Role of Nano Technology on Solid State Lighting

A brief on the Seminar was sent to HO and is also available on the website of IIM DC

11. **Participation of IIM DC Members in the Programme(s) relating to:**

11.1 **Environment Study Concerning the Environmental Rating of Indian Iron & Steel Sector**

The Indian Institute of Metals – Delhi Chapter participated in the release function of a Study on Environmental Rating of Indian Iron & Steel Sector. The study has been undertaken by Centre for Science and Environment (CSE), New Delhi. The study release function was organized on 4th June 2012 at India International Centre, New Delhi.

A write-up on the Programme was sent to HO.

11.2 **India Minerals & Metals Forum 2012**

Indian Chambers of Commerce along with Ministry of Coal, Ministry of Steel and Ministry Mines organized a programme titled "India Minerals & Metals Forum 2012" on 11th July 2012 at New Delhi. IIM DC members actively participated in the Forum. There were around 200 delegates in the Forum.

A write-up on the programme was sent to HO.

11.3 **Centenary Celebrations of Stainless Steel**

Stainless Steel has completed 100 years of its existence. On this occasion centenary celebrations of stainless steel were organized in New Delhi on 9th and 10th October 2012. As a part of the centenary celebrations, Indian Stainless Steel Development Association (ISSDA) and FICCI organised celebrations on 9th October 2012 evening at New Delhi. The celebrations consisted of technical talks delivered by luminaries in the field of stainless steel. The celebration function was inaugurated by Shri S K Roongta, former Chairman SAIL and presently MD of Vedanta. IIM DC participated in these celebrations

A report on the celebration was sent to HO.

11.4 **Towards Building Corrosion Free India**

A programme captioned "Towards Building Corrosion Free India" was organized by Steel Guru and M/s Outokumpu at Hotel Le Meridian, New Delhi, on 10th October 2012 to mark the celebrations of 100 years of Stainless Steel. IIM DC participated in the programme.

A brief on the programme was sent to HO.

11.5 **6th India Energy Summit 2012**

The Indian Chamber of Commerce (ICC) organized the 6th India Energy Summit 2012 at Hotel 'The Grand' New Delhi on 9th November 2012. IIM DC members actively participated in the Summit deliberations. The Summit was inaugurated by Mr. P. Uma Shankar, Secretary, Ministry of Power, Government of India. The keynote address was delivered by Mr. Anil Razdan, former Secretary, Ministry of Power. Mr. Rajiv Mundhra, President, ICC gave the welcome address in the Summit. The Summit was attended by about 100 persons from various organizations of India.

A brief on the programme was sent to HO.

11.6 **4th India Coal Summit 2012**

The Indian Chamber of Commerce organized the 4th India Coal Summit at Hotel Le Meridian, New Delhi, on 28th November 2012. About 150 delegates from various organizations participated in the Summit. A number of members of the IIM DC also participated in the Summit.

A brief on the programme was sent to HO.

11.7 **Green Energy Summit**
Renewables: Energy of the Future

Indian Chamber of Commerce (ICC) and Ministry of New and Renewable Energy, Govt. of India organized the Green Energy Summit at New Delhi on 14th February 2013.

IIM Delhi Chapter members participated in large numbers in the Energy Summit programme. There were over 200 delegates from different organizations in the Energy Summit.

A brief on the celebrations was sent to HO.

11.8 **Corporate Governance and Sustainability Vision Summit**

The Indian Chambers of Commerce (ICC) organised a programme titled "India Corporate Governance & Sustainability Vision Summit" at New Delhi on 19th February 2013. Several members of Delhi Chapter of IIM participated in the Summit. Around 100 delegates participated in the Summit.

A write up on the programme was sent to HO.

11.9 **National Conference on "Mining in India: The Way Ahead"**

The Associated Chamber of Commerce and Industry of India (ASSOCHAM) organized a Conference on "Mining in India – The Way Ahead" at Hotel The Lalit, New Delhi on 5.3.2013.

The Conference was attended by about 80 participants. Several members of IIM DC also participated in the Conference. The Conference concluded in the afternoon after tea session.

A brief on the programme was sent to HO.

12. **Brahm Prakash Memorial Material Quiz Competition**

12.1 IIM Delhi chapter organized a Quiz Competition named "Metallica 2012" amongst school students of Delhi on 28th January 2012. Over 40 students from various schools participated in the Quiz Contest.

12.2 A team of two students from Mount Carmel School, Vasant Vihar, New Delhi was the winner of the Quiz Contest. Manav Sthali School was declared first runner-up and Suraj Bhan Dev Public School was declared second runner-up in the Quiz Competition.

12.3 A team of two students from Mount Carmel School along with their accompanying teacher was sponsored for the Brahm Prakash Memorial Material Quiz Competition held at Kalpakkam on 14th September 2012.

12.4 The to and fro travel expenses of the two students along with the teacher were borne by IIM DC.

13. **Metals, Minerals, Metallurgy & Materials (MMMM-2012)**

- 13.1 The 9th edition of Metals, Minerals, Metallurgy & Materials (MMMM-2012) was organized by our Delhi Chapter jointly with the International Trade & Exhibition Events Pvt Ltd from 27th – 30th September 2012 at Pragati Maidan, New Delhi. The event consisted of an industrial exhibition and an International conference on 'Resurgent India-Vision 2020 in Metals and Minerals Sectors'. About 55 technical papers were presented in the conference.
- 13.2 There were two plenary sessions on aluminium, uranium/thorium and raw materials for iron and steel industry and raw materials beneficiation aspects. These two sessions covered raw material security aspects and technological strategies for steel sector and special steels for strategic applications.
- 13.3 Two sessions were devoted to mining and two sessions to business scenario for ferrous and non-ferrous metals industries. There were two sessions on current and futuristic metals and minerals technologies, one session on new material development and applications and one session on energy and environment.
- 13.4 55 papers of International standards, out of which 40 were from doyens of industry and the rest from Exhibitors, were presented in the International Conference. Over 200 delegates from Indian and overseas companies participated in the Conference deliberations.
- 13.5 The conference was inaugurated by Dr. Dalip Singh, Jt. Secretary, Ministry of Steel, Dr. Dalip Singh spoke on the growth plans of Indian Steel Industry and also reviewed the details of the Process Routes for creation of enhanced steel capacity. He also highlighted the R & D efforts of Iron & Steel Sector and invited R & D proposals from the Iron & Steel fraternity to cover different facets of Iron & Steel Production. In his Keynote address, Dr. S K Gupta, Former CMD MECON and Director, JSW Steels emphasized the need for exploring, developing and committing raw materials resources for the targeted growth of steel production of 89 MTPA to 200 MTPA by 2020.
- 13.6 Shri R N Parbat (Past President IIM), Shri P C Gupta (Ex CMD NMDC), Shri M Narayana Rao (CMD MIDHANI & Past President IIM), Shri Y S Kapadia (Ex-MD Lurgi India and Ex-GM Tata Steel), Dr. G Mukherjee (Ex-Vice Chairman SAIL), Dr. L K Singhal, Dr. S K Gupta were Shri G P Kundargi, CMD, MOIL, Shri K K Mehrotra, CMD MECON, Shri S S Mohanty, D (T) SAIL & Vice President – IIM, Shri Sushim Banerjee, DG, Institute of Steel Development & Growth, Dr. R K Iyengar, President, Technovation International Inc., were among the distinguished speakers in the Conference.
- 13.7 Post Conference, a report containing summary of the Conference and Recommendations emanating from the Conference was compiled and got printed. Copies of the same were sent to important PSUs and also to the economic ministries of Govt. of India, National Council Members and also to other Chapters of IIM.
- 13.8 The feedback of the Conference was very encouraging. The contents of the technical papers and organization of the Conference were appreciated by various quarters.

14. **Conferment of the Best Chapter Award on IIM-Delhi Chapter**

We are happy to inform that the Delhi Chapter has been bestowed Best Chapter Award for overall performance during 2011-12 among large Chapters of IIM. *This is the first time in the history of our Chapter that we have received Best Chapter Award.* Credit goes to the hard work put in by the Executive Committee and in particular by our Chairman.

Shri S C Suri, Vice Chairman – IIM-DC, received Best Chapter Trophy from President IIM at Jamshedpur on 17 Nov. 2012.

15. **Chapter Level NMD Celebrations**

The Chapter-level NMD celebrations were organised by IIM DC on 3rd February 2013 at Vasant Vihar Club, New Delhi. Chairman IIM DC, welcomed the members and their families to the Chapter-level NMD Celebrations. Shri G I S Chauhan, Hony. Jt Secretary introduced the speakers and compered the proceedings of the Celebrations. Shri PN Sadhu, Technical Adviser, M/s Sunbeam Auto Pvt Ltd, was the Chief Guest on the occasion. The following two talks were organised on the occasion:

- “Metals in Human Body and Diseases Related to their Deficiencies”
- “Utility of Aluminium in Domestic Sector”

15.1 The talk on “Metals in Human Body and Diseases Related to their Deficiencies” was delivered by Dr Manoj Sharma, MD (Physicians), Artemis Health Institute, Gurgaon. The talk generated a lot of interest in the audience and was quite interactive and informative. The second talk “Utility of Aluminium in Domestic Sector” was given by Shri Rahul Khanna, Chief Executive Officer, Mahavir Die Casting Pvt Ltd, Faridabad. The inputs given by the speaker on the subject widened the perspective of our members in the area of Aluminium. Shri P N Sadhu also addressed the gathering and suggested that Aluminium Casters Association of India (ALUCAST) and IIM DC should collaborate in various technical programmes / workshops. He also suggested that they could use IIM DC library facilities and their personnel may attend coaching classes as and when they are organized. Shri Sadhu also promised to visit IIM DC premises to discuss further details.

15.2 On this occasion Chapter-level awards were also conferred. The following two office bearers of IIM DC were awarded for Outstanding Contribution to IIM DC:

- a) Shri S C Suri, Vice Chairman IIM DC
- b) Shri MP Sharma, Hony. Jt. Secretary

As a recognition of their services to the Chapter, mementoes were given to them by the Chief Guest on the occasion. Shri SC Suri, Vice Chairman, proposed vote of thanks About 50 persons participated in the Celebrations along with their family members.

A brief on the celebration was sent to HO.

16. **Conferment of IIM Fellowship Award**

The IIM confers every year the IIM fellowship to a person who contributes significantly in Metallurgy and Materials Science including metals industry. Shri K L Mehrotra, Vice Chairman, was recommended by IIM DC for IIM Fellowship. He was conferred the IIM Fellowship at Jamshedpur on 17th November 2012.

17. **Holi Milan Get-together**

The Delhi Chapter of IIM organised Holi Milan get together on 30th March 2013 at Vasant Vihar Club, New Delhi.

The members of IIM DC along with their families participated in the social get-together. The Chairman IIM DC welcomed the members and their families in the function. Holi-Milan greetings were exchanged among the members and their families by applying gulal to each other. Members of the IIM DC enjoyed the function through various jokes and anecdotes. Some family members recited poems in the function. The family members of IIM DC were greeted with bouquets in the function. The function was very much appreciated by the members and their families. About 60 members including their families participated in the function.

18. **News Letter**

The News Letter is being published regularly by IIM DC. It is hoped that the members are getting this publication regularly at their residences. The technical contributions in the newsletter have become more or less a regular feature. Technical & Publication committee headed by Shri S. C. Suri has taken active interest and the technical articles and other contents are being appreciated by members associated with Delhi Chapter. Soft copies of the News Letters (both current as well as old issues) are also being posted on IIM-DC website regularly.

19. **Library Facilities**

The following five journals are being received in our library

- 1 JPC Bulletin on Iron & Steel
- 2 Steel Tech
- 3 Minerals & Metals Review
- 4 Metals World
- 5 Metal News

We have also installed two new computers in the library for dissemination of information to students.

20. **Membership Development Committee**

The Membership Development Committee has taken very keen interest during the year. Thirteen new members have been enrolled during the year.

21. **Web-sites**

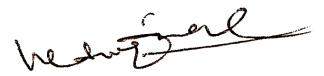
The web-site of IIM Delhi Chapter (www.iim-delhi.com) was regularly updated. Detailed information on various activities was posted for information of the members. In order to consolidate complete information related to MMMM Conferences, a dedicated website (www.mmmmconferences.com) has been created. Information related to all nine MMMM Conferences has been posted on the website. Reports on the last four Conferences and detailed presentations of last two Conferences are also available on the website.

22. **AMIIM Examinations**

The AMIIM Examinations were held in the Chapter premises in June & December 2012. Shri M P Sharma was the Officer-in-Charge for both the sessions.

23. **Acknowledgements**

The Executive Committee of the Chapter expresses its gratitude and sincere thanks to all the members associated with the Delhi chapter for their full cooperation to the office bearers and the Executive Committee. Cooperation received from the Head Office is also gratefully acknowledged. The chapter would like to extend thanks to auditors M/s Nath & Hari for advising in the preparation of accounts and finally auditing the same.



V C Singhal
Hon. Secretary

Annexure

1	Mr. Anil Gupta	Chairman
2	Mr. S C Suri	Vice Chairman
3	Mr. K L Mehrotra	Vice Chairman
4	Mr. V C Singhal	Hon. Secretary
5	Mr. G I S Chauhan	Jt. Hon. Secretary
6	Mr. M P Sharma	Jt. Hon. Secretary
7	Mr. M Saravanan	Jt. Hon. Secretary
8	Mr. Neeraj Gupta	Hon. Treasurer
9	Mr. N Vijayan	Jt. Hon. Treasurer
10	Mr. P K Chatterjee	Member
11	Mr. B D Jethra	Member
12	Mr. V K Tyagi	Member
13	Mr. R K Gupta	Member
14	Dr. G N Mohanty	Member
15	Mr. A C R Das	Member
16	Mr. Deepak Vaidya	Member
17	Mr. Ram Gopal	Member
18	Mr. Vipin Jain	Member
19	Prof. H K Bhansali	Member