

THE INDIAN INSTITUTE OF METALS – DELHI CHAPTER

ANNUAL REPORT FOR THE YEAR 2015-16

Gentlemen,

I take great pleasure in presenting to you the Annual Report of the IIM Delhi Chapter for the year 2015-16.

2.0 The 63rd Annual General Meeting of The Indian Institute of Metals – Delhi Chapter for the year 2014-15 was held on Saturday, 20th June 2015 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 the year 2014-15 were presented and approved.

3.0 The outgoing EC proposed the following slate of members for the next EC (2015-16) from the list of consenting members and the same was approved by the AGM at its meeting held on 20th June 2015

- 1 Mr. M P Sharma
- 2 Mr. K L Mehrotra
- 3 Mr. R K Gupta
- 4 Mr. O P Gupta
- 5 Mr. Rahul Khanna
- 6 Mr. Deepak Vaidya
- 7 Mr. P K Chatterjee
- 8 Mr. A C R Das
- 9 Mr. Gautam Bhatia
- 10 Dr. Vipin Jain
- 11 Mr. V K Tyagi
- 12 Mr. V C Singhal
- 13 Mr. G I S Chauhan
- 14 Mr. Gajendra Panwar
- 15 Mr. N Vijayan
- 16 Mr. S C Suri
- 17 Mr. A K Rana

- 18 Mr. D Kashiva
- 19 Mr. Manoranjan Ram
- 20 Mr. B R Thukral
- 21 Mr. B D Jethra
- 22 Mr. Raj Tiwari

4.0 Subsequent to approval of the above slate by the AGM, the positions of the members were decided unanimously by EC in its first meeting held on 20th June 2015. Details of the positions of the members as decided by the EC is as under:

Chairman	Mr. K L Mehrotra
Vice Chairmen	Mr. V C Singhal Mr. V K Tyagi
Hon. Secretary	Mr. Deepak Vaidya
Jt. Hon. Secretary	Mr. G I S Chauhan Dr. Vipin Jain Mr. N Vijayan
Hon. Treasurer	Mr. M P Sharma
Jt. Hon. Secretary	Mr. D Kashiva
Members	Mr. S C Suri Mr. R K Gupta Mr. A C R Das Mr. P K Chatterjee Mr. Manoranjan Ram Mr. G. Panwar Mr. O P Gupta Mr. Gautam Bhatia Mr. Rahul Khanna Mr. A K Rana
Advisors	Mr. B R Thukral Mr. B D Jethra Mr. Raj Tiwari

4.1 Subsequently the EC in its 2nd meeting held on 11.7.2015 decided to appoint Mr. Manoranjan Ram as Secretary as Mr. Deepak Vaidya expressed his inability to discharge the

responsibilities of Secretary. Mr. D Kashiva who was nominated as Jt. Treasurer also expressed his inability to shoulder the responsibility of Jt. Treasurer. The EC in its second meeting held on 11.7.2015 decided to nominate Mr. Rahul Khanna as Jt. Treasurer in place of Mr. D Kashiva. In this meeting the EC also decided to induct the following members of the Chapter as invitees

- (i) Mr. K K Mehrotra
- (ii) Dr. A K Kapoor
- (iii) Dr. Arvind Bharti

5.0 **Executive Committee Meetings**

During the year 2015-16, twelve EC meetings were held. Among other issues, important decisions related to MMMM 2016, activities and functioning of the Chapter, expenditure, etc. were taken. Many new activities were initiated by the Technical Committee and industry around NCR also provided their support in one way or the other. The activities included Quiz Contest and inviting industry stalwarts and honouring them.

However, the mega activity during the year was preparation for MMMM 2016 event.

The Chapter participated in the NMD-ATM event held at Coimbatore from 13th to 15th November 2015.

The Chapter also attended the four National Council meetings held during 2015-16. The Delhi Chapter had privilege to organise the National Council meeting of IIM at its Chapter's premises on 27.2.2016. This is the first time that the meeting of the National Council of the IIM was held at our Chapter's premises on 27.2.2016.

6.0 **ACTIVITIES DURING 2015-16**

6.1 **Quiz Contests**

6.1.1 During the year 2015-16, two quiz contests were held. The first quiz contest was held among the senior students of the schools located in the NCR region on 8th August 2015. Seventeen schools participated in this contest. The winning team was sponsored for the National Quiz, namely Prof Braham Prakash Memorial Materials Quiz contest held at Kalakkapam on 19th September 2015. This winning team was ranked third in the contest held at Kalapakkam. This is the first time that a school team sponsored by our Chapter for National Quiz was placed third at the National Level.

- 6.1.2 The second quiz contest was held under the auspices of R P Varshney Memorial Quiz contest on 31st October 2015 among the engineering colleges located in the NCR region. Eleven colleges participated in this contest.
- 6.1.3 The primary objectives of the above two quiz contests was to motivate and encourage students for associating themselves in future growth in the fields of metallurgy and related disciplines.

6.2 **Technical activities:**

- (i) Technical Talk on *Current and Futuristic Material Requirement for Indigenous Defence Hardware* was held on 16th May 2015. The talk focussed on various activities of Defence Research & Development Organisation (DRDO) in a vast spectrum of technologies to see the operational requirements and indigenisation of different weapon systems required for Indian Defence forces.
- (ii) Presentation on *Leadership as a Self-development Process* was held on 22nd August 2015. In this presentation leadership was defined as a capacity to frame plans that will succeed and faculty to persuade others to carry them out in the face of all impediments.
- (iii) Talk on *Renewable Energy – the Energy of this Century* was held on 26th September 2015. Highlights of Indian and global scenario in the area of Renewable Energy were presented in this Talk. Details of global energy sources like coal, oil and gas and per capita consumption of electricity of various countries were presented in this Talk.
- (iv) *Coal Beneficiation/Coal Washeries programme* was organised on 17th October 2015. Detailed overview of the coal beneficiation, float and sink analysis in the coal washeries, coal preparation, washing technology and different kinds of coal washeries was touched upon in this Talk.
- (v) Presentation on *Sub Lance Technology for BOF* was organised on 21st November 2015. The presentation touched upon the successful implementation of a sublance based BOF process control system in India and advantages of installation of sublance system.
- (vi) Talk on *High Productivity Blast Furnaces* was organised at our Chapter o 21st November 2015. The Talk covered about the installation of high volume blast furnaces installed at SAIL and other plants.
- (vii) Technical Talk on *Desalination of Sea Water* was held at our Chapter on 12th December 2015. The issues relating to global scenario of water availability and need for desalination plant and desalination processes were touched upon in the Talk.

- (viii) Programme on *Attributes of Corporate Leadership for Effectiveness of the Board* was held at our Chapter on 16th January 2016. Various facets of leadership attributes, namely, competence, integrity, team building, vision, strategy, communication and listening etc were discussed in the Programme.
- (ix) *Interaction with students of Dehradun Students Chapter and their faculty* was organised at our Chapter on 1.2.2016. About ten students participated in this interaction. This Students Chapter has been affiliated to our Chapter. During the interaction the students were explained about the activities of IIM and about the various programmes being held by our Chapter.
- (x) Presentation on *Ultra Light, Energy Absorbing, Self heating and Self lubricating material for transport sector* was organised at our Chapter on 12th March 2016. The presentation covered development of Metal Matrix Composites and their applications in automotive industry.
- (xi) Seminar on *Aluminium Die Casting* was held on 19th March 2016. Papers relating to developments in the Aluminium Die Casting Industry were presented in this Seminar

6.3 A detailed report on all these activities were sent among others to Head Office as and when these event took place.

7.0 **Chapter Level NMD**

Chapter Level NMD Celebrations were held at our Chapter on 16th January 2016. On this occasion, the following esteemed members of our Chapter were awarded for their “Outstanding contributions to the cause of Metallurgy and Metallurgical Profession”:

- ❖ Mr. Raj Twari
- ❖ Mr. V C Singhal
- ❖ Dr. Vipn Jain
- ❖ Mr. Gautam Bhatia

Dr. G. Mukherjee, Former Vice Chairman SAIL was the Chief Guest of the Chapter Level NMD event.

A brief of the event was prepared and sent to Head Office.

8. **Participation of IIM DC members in the following programmes:**

8.1 **ICC PROGRAMMES**

1. 4TH Indian Minerals and Metal Forum (Ferrous and Non-Ferrous) on 24.6.2015
2. Cheminar 2015 – Changing Dynamics of Indian Chemicals on 30.7.2015
3. 7th India Coal Summit on 23.9.2015
4. Non-Ferro India on 5.1.2016
5. 4TH Green Energy Summit on 3.2.2016
6. India Corporate Governance and Sustainability Vision on 19.2.2016

8.2 **ASSOCHAM PROGRAMMES**

1. Conference on Indian Steel Sector – Raw Material Security and Rising Imports on 9.4.2015
2. Invest Karnataka 2015 Road Show on 10.9.2015
3. Indian Mining Summit – Emerging Policy Environment on 22.9.2015
4. Extracting Value from Heavy Minerals on 9.12.2015
5. 9th India Steel Summit on 23.12.2015

8.3 **FICCI PROGRAMMES**

1. Roadmap to 300 MT – Opportunities and Challenges in Secondary Steel Sector on 22.8.2015.
2. Indian Mining Industry – A Landscape of New Opportunities on 19.11.2015

8.4 **OTHERS**

National Meet on “Fast Tracking Energy Efficiency in Secondary Steel Sector on 11.12.2015 organised by Ministry of Steel and UNDP Project on Energy Efficiency

These programmes appearing at S. No. 8.1 to 8.4 were attended by many members of the Executive Committee of our Chapter. Brief reports on the above programmes were sent to President, three Vice Presidents, Secretary General and Editor-in-Chief of Metal News as and when these programmes were held.

9.0 **MAJOR ACTIVITY IN HAND AT CHAPTER**

MMMM 2016 is a flagship event of the Chapter. Preparations are in full swing to start activities of the Conference. The Conference will be held from 10th to 12th August 2016 at Pragati Maidan, New Delhi. Sponsorship support letters from various Ministries of Government of India and Council of Scientific and Industrial Research (CSIR) have been received. The Conference is

expected to be inaugurated by Hon'ble Minister for Steel and Mines. The valedictory session of the Conference is expected to be presided over by Hon'ble Minister of State for Steel and Mines. The structure of the Conference has been finalised. The chairmen of the various technical sessions have been identified and their consent to chair the session has been received. About 50 letters have been sent to various speakers to present technical papers in the Conference. About fifteen confirmations have been received so far. The matter is being followed up. Different organisations have been approached for financial sponsorship of the Conference as also for advertisement support. About 1000 letters are being sent to various organisations for participation in the Conference.

10 **Conferment of IIM Awards**

Honorary Membership

Mr. R. K Gupta was honoured with the Honorary Membership of the IIM in the NMD event held at Coimbatore on 14th November 2015

IIM Fellowship

IIM Fellowship was bestowed to the following members of the Delhi Chapter for their outstanding contribution in the metallurgical sector. Three awards were given during the NMD/ATM meeting held at Coimbatore on 14th November 2015.

- (i) Mr. G I S Chauhan
- (ii) Mr. P K Chatterjee
- (iii) Mr. A C R Das
- (iv) Prof. Pradeep K Rohatgi

13.0 **News Letter**

A News Letter is being published regularly by the IIM DC. The technical contributions in the newsletter have become more or less a regular feature. Technical & Publication committee headed by Mr. S C Suri has taken active interest and the technical articles and other contents are well appreciated by members associated with the Delhi Chapter. Soft copies of the News Letter are also being posted on IIM-DC website regularly. The contents of the monthly Newsletter are receiving good responses and appreciation. About 500 copies of the Newsletter are printed very month and circulated to all our valued members, members of the National Council of IIM and also to various organizations in India.

14.0 **Library Facilities**

IIM DC has more than 800 books and journals in the library.

The following 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
- 6 Steel 360
- 7 Steel Insights

15.0 **Membership Development**

The Chapter has added forty eight new members during 2015-16. Our total membership strength as on 31st March 2016 is 309. This represents 18% increase in membership over the 2014-15 membership.

16.0 **Web-sites**

The web-site of IIM Delhi Chapter (www.iim-delhi.com) is being regularly updated. Detailed information on all activities is being posted for information of the members. In order to consolidate complete information related to MMMM Conferences, the Chapter has also created a separate website (www.mmmmconferences.com). Information related to all the ten MMMM Conferences held so far has been posted on the website.

17.0 **AMIIM Examinations**

The AMIIM Examinations were held in the Chapter premises in June & December 2015. Mr. M P Sharma was the Officer-in-Charge for both the sessions.

18.0 **Face Lifting of the Chapter**

During the year 2015-16 a lot of face-lifting work was done to improve aesthetic look of the Chapter. This included installation of CCTV, renovation of washrooms, layout restructuring of our library, creation of iron and steel gallery, photo gallery, procurement of three benches and fixation of glass doors in the auditorium etc.

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.

A handwritten signature in blue ink, appearing to read 'Manoranjan Ram', with a long horizontal flourish extending to the right.

Manoranjan Ram
(Hon. Secretary)