

**THE INDIAN INSTITUTE OF METALS – DELHI CHAPTER**  
**ANNUAL REPORT FOR THE YEAR 2018-19**

Gentlemen,

I take great pleasure in presenting to you the Annual Report of our Chapter for the year 2018-19:

- 2.0 The 66<sup>th</sup> Annual General Meeting of The Indian Institute of Metals – Delhi Chapter for the year 2017-18 was held on Saturday, 23<sup>rd</sup> June 2018 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 2017-18 were presented and approved.
- 3.0 In the AGM held on 23.6.2018, the outgoing EC proposed the following slate of members for the next EC (2018-19) from the list of consenting members and the same was approved by the AGM at its meeting held on 23<sup>rd</sup> June 2018.

**Members of the Executive Committee**

1. Shri Manoranjan Ram
2. Shri K L Mehrotra
3. Shri S C Suri
4. Shri P N Shali
5. Shri B R Thukral
6. Shri P K Bajaj
7. Shri P K Chatterjee
8. Shri N K Kakkar
9. Shri R K Vijayavergia
10. Shri N Vijayan
11. Shri K K Mehrotra
12. Shri G I S Chauhan
13. Shri B D Jethra

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| 14. | Shri Deepak Jain |
| 15. | Dr. Mukesh Kumar |
| 16. | Shri Ram Gopal   |
| 17. | Dr. Ramen Datta  |

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 23<sup>rd</sup> June 2018. Details of the positions of the members as decided by the EC are as under:

**Chairman** Shri B D Jethra

**Vice Chairman** Shri P K Bajaj

**Hon Secretary** Shri N K Kakkar

**Hon. Jt. Secretary** Dr. Ramen Datta

**Hon Treasurer** Shri N Vijayan

**Hon. Jt. Treasurer** Shri Ram Gopal

**Members**

- Shri K L Mehrotra
- Shri S C Suri
- Shri P N Shali
- Shri B R Thukral
- Shri P K Chatterjee
- Shri R K Vijayavergia
- Shri K K Mehrotra
- Shri G I S Chauhan
- Shri Deepak Jain
- Dr. Mukesh Kumar
- Shri Manoranjan Ram

5.0 **EXECUTIVE COMMITTEE MEETINGS**

During the year 2018-19, ten EC meetings were held. Among other issues, important decisions related to MMMM 2018, activities and functioning of the Chapter, expenditure, etc. were taken. Many new

activities were initiated by the Executive Committee and industry around NCR also provided their support in one way or the other.

## 6.0 **TECHNICAL ACTIVITIES DURING 2018-19**

- 1 IIM DC Get Together programme held on 14.4.2018
- 2 Presentation by Shri R K Vijayavergia, Member Executive Committee-IIM DC and former ED (Operations), SAIL on R & D in Indian Iron & Steel Industry – A Different Perspective on 12.5.2018
- 3 MMMM 2018 Conference held from 29<sup>th</sup> to 31<sup>st</sup> August 2018
- 4 Talk by Shri Gaurav Mehrotra, Independent Value Investor and Ex. Fund Manager, HSBC, AMC in India on Most Important factor in Investing held on 10.11.2018
- 5 Technical Talk by Shri R K Vijayavergia, Member Executive Committee-IIM DC and former ED (Operations), SAIL on R & D in Steel Sector held on 10.11.2018
- 6 IIM Foundation Day Celebration programme held on 24.2.2019
- 7 Talk by Shri R K Vijayavergia, Member Executive Committee-IIM DC and former ED (Operations), SAIL on Iron & Steel Slags: Characteristics and Utilisation held on 23.3.2019
- 8 Plant visit to Star Wire India Ltd, Ballabgarh, Haryana on 6.4.2019
- 9 AMIIM examinations 2018 held in June and December 2018.

## 7.0 **PARTICIPATION OF IIM DC IN OTHER PROGRAMMES**

- 1 Secondary Steel Conclave by Ministry of Steel on 13.9.2018
- 2 ASSOCHAM programme on Indian Steel Summit on 14.9.2018
- 3 10<sup>th</sup> India Coal Summit held by ICC on 26.9.2018
- 4 32<sup>nd</sup> International Conference on Emerging Innovative & Future Technology for Manufacture of Clean, Green and Economic Steel held by All India Induction Furnaces Association on 22.10.2018
- 5 12<sup>th</sup> Energy Summit of ICC held on 13.11.2018
- 6 Conference on Augmenting Coal Production through Commercial Mining by ASSOCHAM on 14.2.2019

7 India Corporate Governance & Systems Vision Summit & Awards on 21.2.2019 by ICC

8.0 **CHAPTER LEVEL NMD**

Chapter Level NMD Celebrations were held at our Chapter on 24<sup>th</sup> February 2019.

9.0 **MMMM 2018 – MEGA EVENT OF THE CHAPTER**

MMMM 2018 was a flagship event of the Chapter. The 12<sup>th</sup> edition of MMMM 2018 event consisting of Exhibition and International Conference was organized by our Delhi Chapter jointly with ITEI from 29<sup>th</sup> to 31<sup>st</sup> August 2018 at Pragati Maidan, New Delhi. The Conference was inaugurated by Hon'ble Minister for Steel Chaudhary Birender Singh on 29<sup>h</sup> August 2018.

After Inaugural Session, the Hon'ble Minister of Steel went around the Exhibition Stalls. About 35 countries participated in the Exhibition. Around 500 Exhibitors had put in their stalls in the Exhibition and more than 12000 trade visitors visited in the three days Exhibition.

Apart from the Inaugural Session, CEO Conclave and Valedictory Sessions the following seven Technical Sessions were covered in the Conference.

- ⇒ Prospects of Mineral Industries and Raw Material Security for future growth of mineral and metal sectors.
- ⇒ Planning of Infrastructure & Logistics Support
- ⇒ Enhancing Competitiveness of Indian Steel Sector
- ⇒ Prospects of Non-Ferrous Industry
- ⇒ Metals Requirement of Strategic Sectors
- ⇒ Secondary Steel Sector – its Contribution and Challenges
- ⇒ Energy /Environment Issues in Minerals and Metal Sectors

The CEO Conclave comprised of

- Mr. Anand Sen, President Indian Institute of Metals and President TQM and Steel Business TATA Steel
- Dr.Vinod Nowal, Deputy Managing Director of JSW Steel

- Mr. Gopal Singh, CMD, Central Coal Fields Limited
- Mr. H. N. Rai , Director (Technical) , Steel Authority of India Limited.

Mr R N Parbat, a veteran in Metal industry & past President, Indian Institute of Metals, moderated the proceedings of the CEO Conclave.

Presentation were made on the following topics in the seven technical Session of the Conference:

**FIRST SESSION:**

**Prospects of Mineral Industries and Raw Material Security for future growth of mineral and metal sectors**

- 1 Raw Materials Security – A Strategic Need for Competitive Edge in Steel Industry
- 2 Raw Materials Security for Indian Steel Industry
- 3 Raw Materials Scenario to achieve Steel Production as envisaged in National Steel Policy 2017
- 4 Prospects of mineral industries in new business regime

**SECOND SESSION:**

**Planning of Infrastructure & Logistics Support**

- 1 Modernization and expansion of Ports and Harbours
- 2 Stressed Asset in Power Sector
- 3 Vision of NHAI on Road Transport Sector
- 4 Slurry Pipelines: An innovative logistics solution for transportation of iron ore
- 5 Smart City Imperatives for Steel Industry

**THIRD SESSION:**

**Enhancing Competitiveness of Indian Steel Sector**

- 1 Enhancing competitiveness of Indian Steel Industry
- 2 IISCO Steel Plant – An epitome of technological prowess
- 3 Cost competitiveness through recovery and recycling
- 4 Smart Modernisation - a way to improve the financial health of Steel Sector in India
- 5 Enhancing the Competitiveness of the Indian Steel Industry

**FOURTH SESSION:**

**Prospects of Non-Ferrous Industry**

- 1 Zinc & Lead Markets in India – Current and Emerging
- 2 Aluminium R&D and Emerging Applications in India
- 3 Converting Mining Waste to Secondary Resource
- 4 Copper & its applications- Current and Emerging Trends
- 5 Refractory Lining Quality for Aluminum Melting Furnaces

#### **FIFTH SESSION:**

##### **Metals Requirement of Strategic Sectors**

- 1 Metals Requirement for Strategic Sector
- 2 Role of MIDHANI in growth of new materials
- 3 Need of advanced materials for Defence Sector under 'Make in India' initiative
- 4 Universal Rail Mill 1.2 MTPA capacity under 7.0 MT expansion of BSP – An Overview
- 5 Nickel Alloys and Stainless Steels for Strategic Sector applications

#### **SIXTH SESSION:**

##### **Secondary Steel Sector – its Contribution and Challenges**

- 1 Secondary Steel Sector – Its Contribution & Challenges by Mecon
- 2 Secondary Steel Sector – Issues & Imperatives
- 3 Road Ahead for Induction Furnace Segment – Challenges & Prospects

#### **SEVENTH SESSION:**

##### **Energy /Environment Issues in Minerals and Metal Sectors**

- 1 Deployment of Energy Conservation Technologies in iron and steel sector, A case study of RINL
- 2 How Modern Coke plant technology can fit in pollution reduction in coke oven
- 3 Energy and Eco-Friendly Portfolios
- 4 Optimization of Pellet Car Aerodynamics for Improvement in Quality & Yield of Sinter
- 5 Dry Type Vessel Electrostatic Precipitator System for BF Gas Cleaning Technology
- 6 KR De-Sulphurisation Technology
- 7 Innovative & Energy-saving Permanent Magnetic Transmission Technology
- 8 Lubrication methods for continuous casters

A Summary & Recommendations of the Conference was compiled and sent to Ministry of Steel, Ministry of Mines, Ministry of External Affairs and Council of Scientific and Industrial Research (CSIR) which sponsored the Conference. A copy of the Summary was also sent to various organizations associated with ferrous and non-ferrous sectors. This was also sent to the members of the National Council of IIM.

Sessions Chairmen, authors of the technical papers and others associated with organizing the Conference and selected Exhibitors were suitably awarded with mementoes.

#### 10.0 **NEWS LETTER**

A monthly publication named as “Met-Info Inhouse Publication” is being published once in two months 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 Newsletter are receiving good response and appreciation. About 400 copies of the Newsletter are printed and are circulated to all our valued members, members of the National Council of IIM and also to various organizations in India. It may be mentioned that on account of financial constraints of the Chapter we have decided to bring out Newsletter once in two months instead of every month.

#### 11.0 **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

#### 12.0 **WEB-SITE**

The web-site of IIM Delhi Chapter ([www.iim-delhi.com](http://www.iim-delhi.com)) is being regularly updated. Details of all technical activities, plant visits and publications of IIM Delhi Chapter (mainly Newsletters, recommendations of MMMM Conferences etc.) are being regularly posted on the website.

#### 13.0 **AMIIM EXAMINATIONS**

The AMIIM Examinations were held at the Chapter premises in June & December 2018. Mr. R K Vijayavergia was the Officer-in-Charge for both the Examinations.

#### 14.0 **FOUNDATION DAY CELEBRATION**

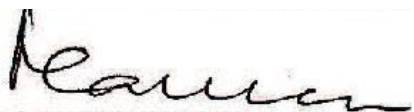
IIM Foundation Day was celebrated by our Chapter on 24<sup>th</sup> February 2019. About 50 members including family members participated in the celebration.

#### 15.0 **FACE LIFTING OF THE CHAPTER**

During the year 2018-19 action was completed to cover the façade of two sides of our building with float-glass and Aluminium Composite Panel (ACP) in April / May 2018. After completion of this work, our building now bears a corporate look.

#### 16.0 **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.



N K Kakkar  
Hon. Secretary