



IIM

Metallurgy
Materials Engineering

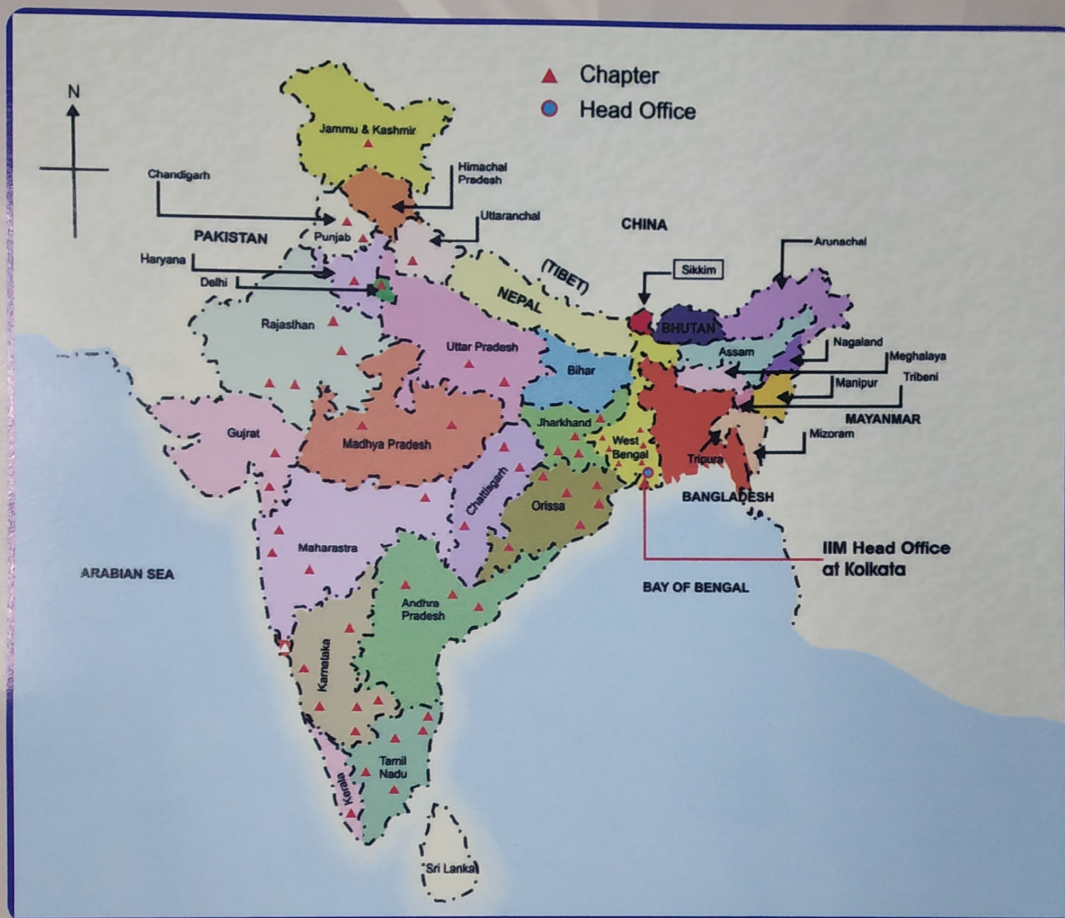
THE INDIAN INSTITUTES OF METALS

A Forum for Metallurgical Professionals



Where Nature and Industry Co-Exist

IIM Chapters in INDIA



sl no.	Name of State	Name of Chapters	No. of Chapters
1.	Andhra Pradesh	Visakhapatnam, Hyderabad, Paloncha	3
2.	Chhattishgarh	Bhilai, Raigarh, Korba	3
3.	Gujrat	Hazira Baroda	2
4.	Haryana	Hisar	1
5.	Jharkhand	Jamshedpur, Ghatsila, Ranchi, Bokaro	4
6.	Karnataka	Kolar Gold Field, Bangalore, Bhadrabati, Surathkal, Vijaynagar, Mysore	6
7.	Kerela	Thiruvananthapuram	1
8.	Madhya Pradesh	Katni, Bhopal, Jabalpur	3
9.	Maharashtra	Pune, Ambarnath, Mumbai, Nagpur	4
10.	Orissa	Rourkela, Keonjhar, Bhubaneswar, Sunabeda, Angul, Duburi	6

sl no.	Name of State	Name of Chapters	No. of Chapters
11.	Rajasthan	Udaipur, Chittorgarh, Jaipur, Khetrinagar	4
12.	Tamil Nadu	Chennai, Kalpakkam, Salem, Coimbatore, Tiruchirapalli	5
13.	Uttaranchal	Roorkre	1
14.	Uttar Pradesh	Kanpur, Varanasi	2
15.	West Bengal	Kolkata, B.E. College, Ichapur, Kharagpur, Bumpur, Durgapur	6
16.	Chandigarh	Kolar Gold Field, Bangalore, Bhadrabati, Surathkal, Vijaynagar, Mysore	
17.	National Capital Territory	Delhi	1
18.	Union Territory	Goa	1
19.	Jammu & Kashmir	Srinagar	1

INDEX

About the Institution

Organisation

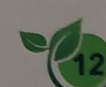
Global Footprint

Activities of the Institute

Library

Awards & Honours

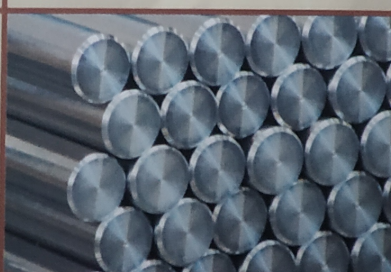
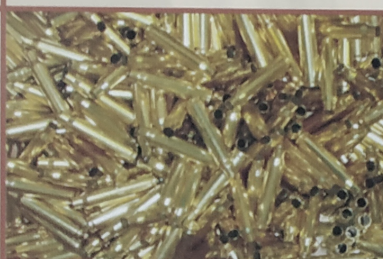
Membership



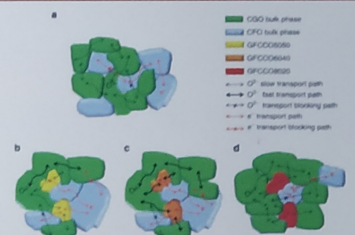
Ferrous Metals



Non-Ferrous Metals



Metal Science



1. About the Institute



Metal House, Kolkata

The idea of formation of a National Institute for metallurgists was conceived as early as in 1945 by about a dozen young Metallurgists.

A premier professional Organization, 'The Indian Institute of Metals'[IIM] headquartered at Kolkata was registered in March 1947. The Institute was inaugurated by Dr Shyama Prasad Mukherjee, the then 'Minister for Industry and Supply' on 29 December 1947 at the Royal Asiatic Society Hall, Calcutta. Sir Jahangir J Gandhi became the first President and Dr Dara P Antia the first Honorary Secretary of the Institute.

Starting with a modest membership of 42, presently the IIM membership is around 11,000 drawn from the vast canvas of Academia, Industry, Research & Development, Nuclear - Space - Defence and Centres - Institutes - Associations from across the country and abroad, performing its activities under three divisions namely: Ferrous, Non Ferrous and Metal Science.

The Institute celebrated silver jubilee in the year 1972, golden jubilee in 1996, diamond jubilee in 2006 and looks forward to celebrate platinum jubilee in the year 2021 and to march beyond.

To promote and advance the study and practice of the science, design, engineering and technology concerned with minerals, metals, materials and their applications.

To provide forums and opportunities for exchange, dissemination of information and technology innovations & updates among students, teachers, research workers and industry professionals.

To promote and facilitate education and development of working professionals.

Objectives

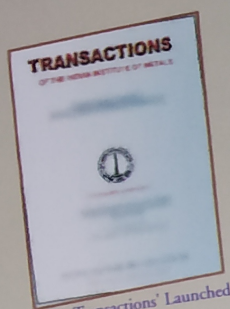
To undertake studies on 'human resources requirements and availability', related to minerals, metals, materials and processes on behalf of the Govt. Industry or individuals.

To act as honorary advisor to the government, industries or individuals engaged in the fields of minerals, metals and materials.

To recognize and reward eminent metallurgists, material scientists, industry professionals, teachers and students for significant contributions in their areas of specialisation.



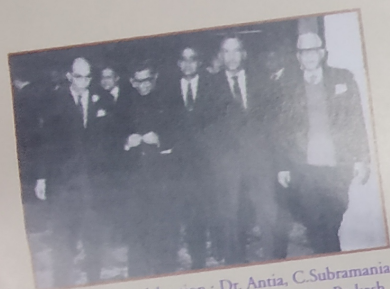
Milestones



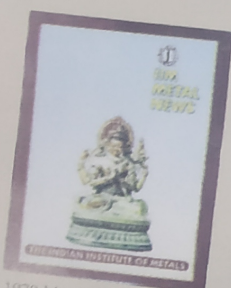
1948, Transactions' Launched



1963, First NMD at Bhilai



Silver Jubilee Celebration : Dr. Antia, C. Subramanian, B. R. Nijhawan, J. R. D. Tata, Prof. Brahm Prakash



1979 Metal News Launched



1982 APD Research Programme Launched



1991, Foundation Stone Laying Ceremony of Metal House

- ◆ 1945 Idea conceived for an Indian Institute for Metallurgists.
- ◆ 1946 Foundation Day: The First Organizational meeting held on 24 February at Calcutta.
- ◆ 1947 The Institute registered in March, 1947 at Calcutta.
- ◆ 1947 Inauguration by Dr. Shyama Prasad Mukherjee, the then Minister for Industry and Supply, Govt. of India.
- ◆ 1947 First Annual Technical Meeting [ATM] held at Calcutta.
- ◆ 1948 Transactions' of The Indian Institute of Metals launched.
- ◆ 1961 'Prof. N. P. Gandhi Memorial Lecture' instituted.
- ◆ 1962 AMIIM Examinations started.
- ◆ 1962 National Metallurgists' Day Awards [NMD] Scheme instituted by the Ministry of Steel & Mines, Govt. of India.
- ◆ 1963 First NMD at Bhilai, inaugurated by Shri C Subramaniam, the then Minister of Steel & Heavy Industries.
- ◆ 1972 Silver Jubilee Celebrations at New Delhi inaugurated by Shri C Subramaniam, the then Minister for Planning, Science and Technology, Govt. of India.
- ◆ 1976 Three Divisions formed: Ferrous, Industrial Metallurgy and Metal Science.
- ◆ 1979 The Journal, 'Metal News' launched.
- ◆ 1980 ASM-IIM reciprocal Lectures started.
- ◆ 1982 'Prof. G. P. Chatterjee Memorial Lecture' instituted by IIM Durgapur Chapter.
- ◆ 1982 Alloy Phase Diagrams [APO] Research Programme launched.
- ◆ 1985 'Brahm Prakash Memorial Lecture' instituted by IIM Bangalore Chapter.
- ◆ 1985 'Brahm Prakash Memorial Lecture' instituted by IIM Trivandrum Chapter.
- ◆ 1989 'Dr Daya Swarup Memorial Lecture' instituted at 1989 NMDATM at Calcutta
- ◆ 1990 'Industrial Metallurgy' Division renamed as 'Non - Ferrous Division'.
- ◆ 1990 'Brahm Prakash Memorial Materials Quiz' instituted by IIM Kalpakkam Chapter.
- ◆ 1991 Foundation Stone laying of Metal House, Kolkata.
- ◆ 1992 'Prof. A K Seal Memorial Lecture' instituted by IIM.
- ◆ 1992 'Prof G. S. Tendulkar Memorial Lecture' instituted by IIM 'Bombay Chapter.
- ◆ 1993 'Brahm Prakash Memorial Lecture' instituted by IIM Kalpakkam Chapter.
- ◆ 1994 'Dr R. V. Tamhankar Memorial Lecture' instituted by IIM Hyderabad Chapter.

Milestones

- ◆ 1996 Inauguration of 'Metal House', Kolkata.
- ◆ 1996 Golden Jubilee Celebrations at Vigyan Bhavan, New Delhi inaugurated by Dr. Shankar Dayal Sharma, the then President of India and chief guest Shri Birendra Prasad Baishya, the then Minister of Steel and Mines, Govt. of India.
- ◆ 1996 IIM Golden Jubilee Commemoration Lecture series instituted by IIM Bangalore Chapter.
- ◆ 2000 'Kishore Kumar Memorial Lecture' instituted by IIM Baroda Chapter.
- ◆ 2004 First Lifetime Achievement Award instituted by the Ministry of Steel, Govt. of India in 2004.
- ◆ 2006 First 'Dara P Antia Memorial Lecture' instituted by IIM, delivered by His Excellency Dr APJ Abdul Kalam, the then President of India on 8th June 2006 organized by IIM Pune Chapter.
- ◆ 2006 Diamond Jubilee celebrations coinciding with 2006 NMD-ATM at Jamshedpur celebrated through 2006-07.
- ◆ 2007 Project report titled: 'A study on Technical Manpower in Steel Industry, Requirement & Availability: 2007-2020', submitted by IIM as commissioned by the Ministry of Steel, Govt. of India.
- ◆ 2008 'Y M Mehta Memorial Lecture' instituted by IIM Mumbai & Baroda Chapters.
- ◆ 2009 Generics: With enormous technological advancements consistently taking place around us, industry need based programs, Generics Reports in specific areas of National importance adopted as a thrust area.
- ◆ 2011 'Foundation Day' of the Institute to be observed on 24th February every year by Chapters, Divisions and Head Office.
- ◆ 2012 50th National Metallurgists' Day Golden Jubilee Celebration : 16th Nov 2012 at Jamshedpur .
- ◆ 2012 Metals, Minerals, Metallurgy & Materials (MMMM 2012) International Conference at Pragati Maidan, New Delhi.
- ◆ 2013 51st National Metallurgists' Day Celebration at BHU on 14th Nov 2013.
- ◆ 2013 Prof A K Seal Memorial Lecture was delivered by Dr. G.K. Dey, Materials Science Division, BARC, Mumbai.
- ◆ 2014 52nd National Metallurgists' Day & 68th Annual Technical Meeting of The Indian Institute of Metals at College of Engineering, Pune.
- ◆ 2014 The 8th Dr Dara P Antia Memorial Lecture titled 'Transformation of our Manufacturing Industry' was delivered by Dr. Baba Kalyani, Chairman & Managing Director, Bharat Forge Ltd. on 12th March 2014.
- ◆ 2015 53rd National Metallurgist day celebrated at Hotel Le Meridian, Coimbatore on 14th Nov 2015
- ◆ 2016 Foundation Day of the Institute celebrated on 24th Feb 2016 at IIM Head Office.
- ◆ 2016 Ethiopian delegates visit at IIM, Metal House



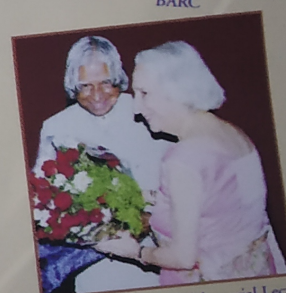
1992 Prof A.K. Seal Memorial Lecture



1996 Hon' Minister inaugurating Metal House



2004 Dr. T R Anantharaman receiving first lifetime achievement award from B Bhattacharjee, Special Advisor to chairman, AEC and former Director BARC



2006 Dara P Antia Memorial Lecture : President Dr APJ Abdul Kalam felicitating Mrs. Jeroo Antia



Lighting of the lamp by Shri H M Nerurkar ,2012



Mr Baba Kalyani receiving the JRD Tata Award 2014



Ethiopian delegates visit at IIM Metal House

2. Organisation

The business of the Institute is governed by the IIM National Council consisting of eminent members representing Academia, Industry, R&D including Defence, Atomic and Nuclear establishments. For efficient functioning, the Council appoints Committees to monitor various functions of the institute. The Institute carries out its activities under three Divisions namely: Ferrous, Non-Ferrous and Metal Sciences through a large number of Chapters & Students Affiliated Chapters spread out across the country.

ADVISORY COMMITTEE OF PAST PRESIDENTS

National Council

Office Bearers

President

Vice President
Ferrous Division

Vice President
Non Ferrous Division

Vice President
Metal Sciences Division

Jt Hon Secretary
& Hon Treasurer

Jt Hon Secretary
(Office of President)

Jt Hon Treasurer

Controller of Examinations

Chief Editor
Transactions

Managing Editor
IIM Metal News

Other Council Members

Secretary General

Headquarters

- Administration
- Finance & Accounts
- Membership & Activity Programmes
- Awards
- Publications, Public Relations & Publicity
- Academic Activity
- Projects
- Library
- Services to Industry
- Global Footprint
- Research Activity
- Swarna Jayanti Endowment
- Human Resources Development Centres

National Committees

- Administrative Advisory
- Finance Review, Assets Management, Resources Mobilisation
- Chapters Relations
- Awards
- Publications
- Examinations & Education
- Academic Programme
- Projects Core
- Library
- Services to Industry
- International Relations
- Alloy Phase Diagrams
- IIM Swarna Jayanti Endowment Trust
- Human Relations Development

3. Global Footprint

The Institute has, over the years, developed cordial and co-operative relations with 18 Societies and Institutes spread over 15 nations. Members are kept informed of the developments. The International Societies & Institutes with whom IIM has Memoranda of Understanding are listed hereunder :



MoU Societies & Institutions

SL	SOCIETY / INSTITUTION	COUNTRY	SL	SOCIETY / INSTITUTION	COUNTRY
1	ASM International.	USA	11	The Australasian Institute of Mining & Metallurgy.	Australia
2	Worldsteel ASSOCIATION [formerly IISI].	Belgium	12	The Korean Institute of Metals & Materials.	Korea
3	Hungarian Mining & Metallurgical Society.	Hungary	13	Instituto Argentina de Siderurgia.	Argentina
4	Chinese Society for Metals,	China	14	The Japan Institute of Metals.	Japan
5	Non-Ferrous Metals Society of China.	China	15	The Iron & Steel Institute of Japan.	Japan
6	TMS.	USA	16	Canadian Institute of Mining, Metallurgy and Petroleum.	Canada
7	German Iron & Steel Institute.	Germany	17	South East Asia Iron & Steel Institute.	Malaysia
8	IN Frantsevich Institute National Academy of Studies of Ukraine.	Ukraine	18	Instituto Latinoamericano del Fierroyel Acero	Chile
9	Institute of Materials, Minerals & Mining.	UK			
10	The Philippine Iron & Steel Institute,	Philippines			

ASM-IIM Lectureship Exchange Programme

Under the IIM auspices, experts from all over the world are invited to deliver lectures in their field of specialisation at various Chapters of the Institute under the ASM-IIM annual lectureship programme.

IIM and worldsteel ASSOCIATION

The Indian Institute of Metals is an affiliate member of worldsteel ASSOCIATION [formerly International Iron & Steel Institute (IISI)].



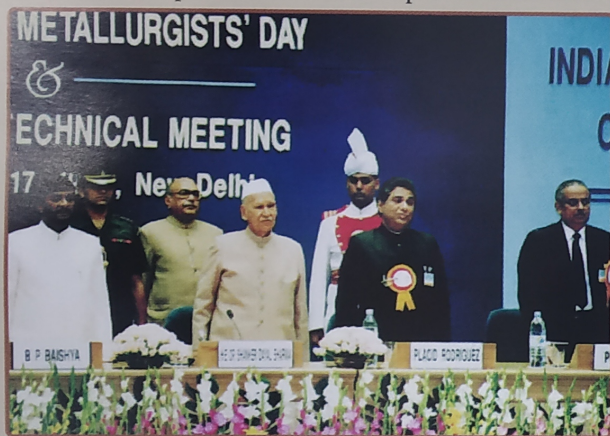
worldsteel
ASSOCIATION

4. Activities of the Institute

The scope of the activities of the Institute includes mineral beneficiation, extraction, fabrication, heat treatment, finishing as well as practical and theoretical aspects of metallurgy of all ferrous and non-ferrous metals and alloys. Ceramics and other disciplines and technologies allied to metallurgical problems also come under the scope of the Institute.

Seminars, Symposia, Conferences, Workshops, Short Term Courses, Technical Meetings, Projects and Technical Exhibitions, Plant Visits :

IIM in its journey since 1947 has been a recognized leading source of dedicated service in the fields of minerals, metals, metallurgy and materials science through its workshops, short term courses and technical exhibitions, reciprocal e-membership with international



Golden Jubilee Celebration at Vigyan Bhavan, New Delhi, inaugurated by Dr. Shankar Dayal Sharma, the then President of India & Chief Guest Shri Birendra Prasad Basbysya, the then Minister of Steel & Mines, Govt. of India

institutes, educational courses and HRD initiatives. The Institute offers exciting opportunities and platform for interaction of latest technology innovations and updates.

National Metallurgists' Day & Annual Technical Meeting [NMD- ATM] :

National Metallurgists' Day [NMD]

As a tribute to the important role played by metallurgists in the country's economic development, the National Metallurgists' Day Awards Scheme was instituted by the Ministry of Steel & Mines, Govt. of India in 1962. The Indian Institute of Metals continues to undertake the organisational and administrative work as well as to participate in the selection of leading national metallurgists in accordance with the annual NMD Awards scheme, since inception. The NMD Awards are given away on 14th November every year, coinciding with the birthday of Jawaharlal Nehru; the first Prime Minister of independent India.

Annual Technical Meeting [ATM]

Following the National Metallurgists' Day [NMD] celebrations, the Annual Technical Meeting [ATM] spread over two days is held every year attracting professionals and students from across the country and abroad. Technical presentations of high order are made and deliberated upon.

Annual International Symposium / Conference :

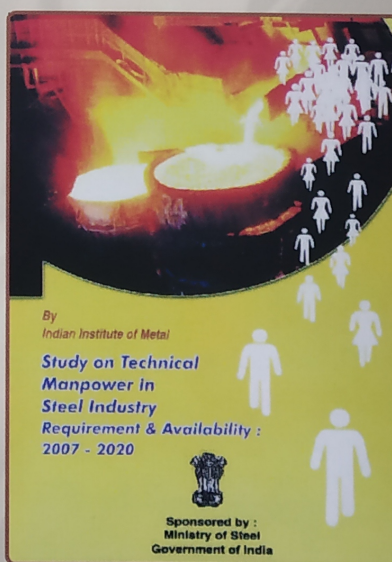
An International Symposium / Conference on an appropriate topical theme is organized annually in conjunction with the NMD - ATM event. Eminent experts on selected theme of the symposium / conference from India and abroad are invited as participants and speakers.

Chapters & Divisional Activities:

Chapters and Divisions of the Institute organise various activities including Seminars, Symposia, Conferences, Technical Meetings, Workshops, Short term courses and Technical Exhibitions round the year at different locations.

Projects:

The Institute undertakes projects of public interest on various aspects related to Metallurgy and Materials Science, specially the human resources development. Most recently, the Institute was commissioned by the Ministry of Steel, Govt. of India to study the manpower requirements at different levels in the iron & steel



industry and to suggest ways and means to meet this requirement. The report dated 8th March '08 was submitted to the Ministry of Steel, Govt. of India at Delhi and a presentation was made before the Empowered committee on 28th May '08. The Ministry of Steel have expressed interest for IIM

undertaking further study in the upstream and downstream user industries of steel as also periodic review and updation by IIM of the project report submitted. The exercise was repeated in 2014-15.

Human Resources Development Centres:

In the year 2006-07 the Institute set up two 'IIM Human Resources Development Centres' at Chennai-Kalpakkam and Jamshedpur with the objectives of enhancing chapter level activities and membership besides assisting the weaker chapters.

Publications:

The Institute brings out two bi-monthly publications namely: The Transactions & IIM Metal News. Besides, some IIM Chapters publish Newsletters regularly.

Transactions of IIM : bi-monthly journal

The Transactions of the IIM, managed by a Chief Editor and a team of Editors and Reviewers, publish technical papers representing the research work done in Metallurgy and disseminates it worldwide. It is recognized as an International Journal of

Minerals, Metals and Materials Engineering and is indexed in all relevant international abstracting journals.

IIM Metal News: bi-monthly journal

Articles of general interest to engineering, metallurgical knowledge, industry news, IIM and Chapter news with Seminar abstracts are published bi-monthly in the journal, IIM Metal News, managed by the Managing Editor and a team of Editors.

Other Publications :

Book Fund for publications

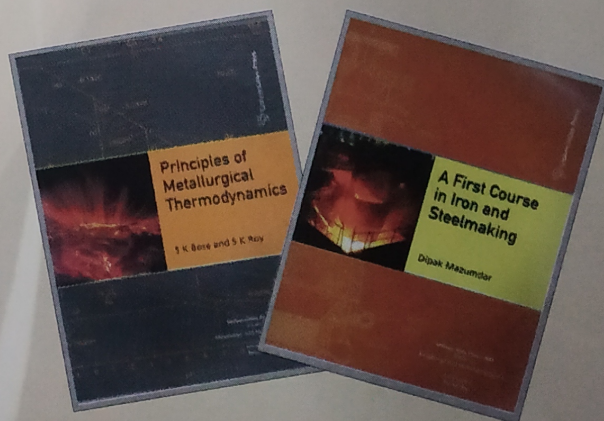
To impart the education in metallurgy & material sciences, the Institute has created a Book Fund to support publication of 2 to 3 Books each year that would help Indian Industry / Academic Institutes / Engineering

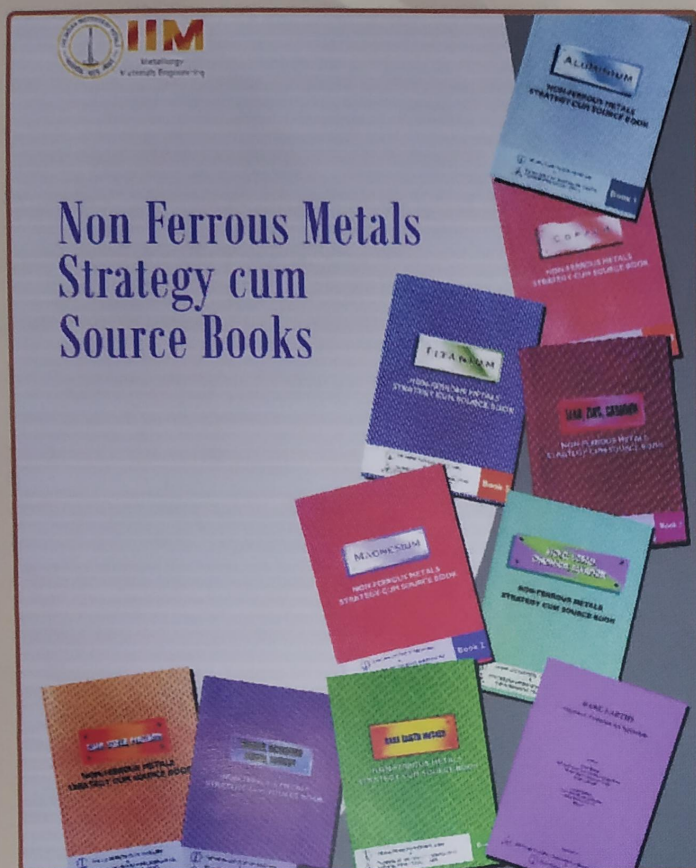


students.

Books on Metallurgy & Materials Science

The Indian Institute of Metals (IIM), in association with M/s Universities Press, an associate of M/s Orient Longman Publishers Ltd, has initiated the process to publish a series of technical books in Metallurgy and Materials Science. An International Editorial Advisory Board has been formulated to facilitate the publications. These publications are aimed at encouraging the IIM members and bring out their talent to write excellent technical books in the fields of their own interest and in the frontier areas. It is planned to bring out 2 to 3 books in a calendar year on topics of current interest and demand. The publications includes both text books as well as edited volumes on specific topics. These publications serve as a knowledge resource to a wide spectrum of engineers, students, researchers and industry personnel in the field of metallurgy and materials science.





TECHNOLOGY INFORMATION, FORECASTING
AND ASSESSMENT COUNCIL (TIFAC)

Non Ferrous Metals Strategy cum Source Books :

Book 1 : Aluminium / Book 2 : Magnesium / Book 3 : Copper Book 4 : Nickel, Cobalt, Chromium, Vanadium / Book 5 : Titanium Book 6 : Rare Earth Metals / Book 7 : Lead, Zinc, Cadmium Book 8 : Gold, Silver, Platinum / Book 9 : Tungsten, Molybdenum, Tantalum, Niobium! Book 10 : Beryllium, Boron, Hafnium, Zirconium

Research Activity:

Alloy Phase Diagrams

The Institute launched its APD programme in 1982. The Research work has been internationally acclaimed by the Alloy Phase Diagrams International Commission (CALPHAD), in which, USA, Germany, Japan, France, Canada, China, Korea and India cooperate.

Journal of Phase Equilibria & Diffusion

A special journal titled 'Journal of Alloy Phase Diagrams' published three times a year, was pioneered by IIM and merged in 1992 with the 'Journal of Phase Equilibria and Diffusion' published by ASM International, USA.

Academic Activity:

Associate Membership Examinations [AMIIM]

To promote and facilitate education and development of working professionals. Since 1962, the Institute has been conducting qualifying professional AMIIM examinations in Metallurgy to assist persons engaged in industry, teaching or research, to qualify as metallurgical engineers. The Dept. of Education, Govt. of India has

approved the syllabus and UPSC has recognised the qualification as equivalent to graduate in Metallurgy. The successful engineers are eligible to appear for G.A.T.E. examination for higher studies.

Post Graduate Diploma in Metallurgy & Materials Engineering [PGDMMEJ]:

The National Council of the Institute, in the year 2007-08 approved launching of a Two year (four modules), with registration valid up to 5 years, Post Graduate Diploma in Metallurgy & Materials Engineering [PGDMME] which is essentially a distant learning course meant for practicing professionals with AMIIM, AMIE, B.E / B. Tech. in Engineering and M.Sc. in Physics / Chemistry / equivalent with 3 years experience. The Diploma shall add value to the qualifications and enhance career advancement opportunities of engineers and professionals working in Metallurgical plants / organisations. The course is being introduced initially at select centres like Vishakhapatnam, Angul, Jamshedpur and Chennai / Kalpakkam.

Short-term Courses :

The Indian Institute of Metals [IIM] has planned to organize continuing education anytime, short term courses and workshops of one to four days duration at its Head Office in Kolkata and other chapter based centres.

IIM Swarna Jayanti Endowment - Grants & Scholarships:

The National Council in commemoration of the Golden Jubilee of the Institute formed a Trust named as 'IIM Swarna Jayanti Endowment' during 1998-99, for educational and research activities in the field of Metallurgy and to organise educational and research activities with a view to encourage, assist, extend knowledge & information connected with the field of metallurgy. On the recommendations of the IIM SJE Trustees, the Council formed a 'Swarna Jayanti Committee' responsible for inviting, processing and recommending the names of the applicants eligible for the grants and scholarships. Grants and scholarships are given to the eligible and deserving applicants every year.

IIM Memorial Lectures:

1. Prof N P Gandhi Memorial Lecture: Instituted 1961.
2. Dr G P Chatterjee Memorial Lecture: Instituted 1982.
3. Prof Brahm Prakash Memorial Lecture: Instituted 1985.
4. Dr. Daya Swarup Memorial Lecture: Instituted 1989.
5. Prof. A K Seal Memorial Lecture: Instituted 1992.
6. Prof G S Tendulkar Memorial Lecture: Instituted 1992.
7. Dr. R V Tamhankar Memorial Lecture: Instituted 1994.
8. Kishore Kumar Memorial Lecture: Instituted 2000.
9. Dr Dara P Antia Memorial Lecture: Instituted 2006.
10. Y M Mehta Memorial Lecture: Instituted 2008.

11. Dr Placid Rodriguez Memorial Lecture: Instituted 2009.
12. Dr G Venkatram Memorial Lecture: Instituted 2009.
13. Prof C V Sundaram Memorial Lecture: Instituted 2010.

IIM Special Lectures:

1. IIM- G D Birla Gold Medal Lecture: Instituted 1985
2. IIM Golden Jubilee Commemoration Lecture: Instituted 1996 re-named as IIM Diamond Jubilee Commemoration Lecture from 2007.



2006 - Dr Dara P Antia Memorial Lecture : (left to right) Dr Pradip, Dr J J Irani, Shri Vilasrao Deshmukh, Honourable Chief Minister of Maharashtra, His Excellency President Dr. APJ Abdul Kalam, Prof E C Subharao, Prof P Ramachandra Rao, Dr Baldev Raj

Engineering Council of India:

The Engineering Council of India has been formed by coming together of a large number of professional organisations / institutions and societies for the

advancement of engineering profession in various disciplines and for enhancing the image of engineers in society by focusing on quality and accountability of engineers and to enable recognition of expertise of Indian engineers and their mobility at international level in the emerging WTO / GATS environment and their employment in internationally funded projects, multinational corporations and large companies in India. The Institute is one among the 25 founder members of ECI is regularly receiving reports of the various committees set up by ECI. The comments of the Institute are sent to ECI whenever asked for.



2006 - Diamond Jubilee Celebration at Jamshedpur : Left to right (Standing) Mr L Pughazenthy, Dr Baldev Raj, Mr. V Gujral Mr B Muthuraman, Dr T K Mukherjee, Mr R N Parbat, Dr Subir Bhattacharyya, Dr Sanak Mishra, Mr J C Marwah Left to Right (Sitting) Dr Placid Rodriguez, Dr V S Arunachalam, Prof E G Ramachandran, Dr Akhilesh Das (Hon'ble Union Minister of State for Steel, Govt of India), Dr P L Agarwal, Dr L R Vaidyanath, Dr B R Nijhawan, Mr S R Jain

5. Library

The Institute's Library housed at IIM head quarters at Kolkata has a collection of about 1300 books and foreign conference proceedings; about 500 IIM conference proceedings; about 1300 IS ,ASTM & other international Standards; 1250 bound volume periodicals and 50 Indian & Foreign Technical Journals on Metallurgy & Materials Science including exchange copies received from MoU Institutions / Societies are available. The Library services are computerised with the installation of CDS / ISIS package which help in quick dissemination of information. The Library housed at IIM's Delhi Chapter has also been upgraded.



IIM Library, Metal House Kolkata

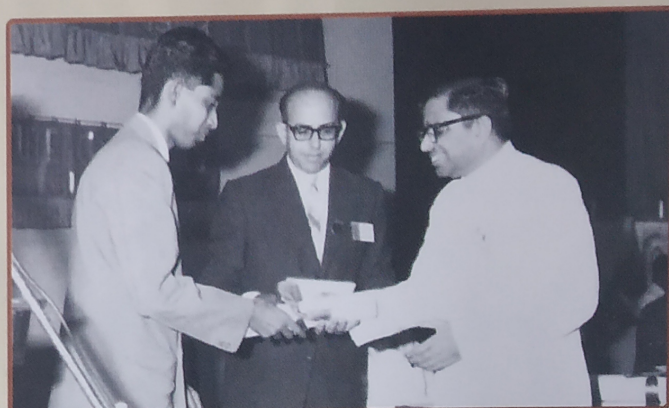
6. Awards & Honours

National Metallurgists' Day Awards [NMD Awards] :

As a tribute to the important role played by metallurgists in the country's economic development, the National Metallurgists' Day Awards Scheme was instituted by the Ministry of Steel & Mines, Govt. of India in 1962. The Indian Institute of Metals continues to undertake the organisational and administrative work as well as to participate in the selection of leading national metallurgists in accordance with the annual NMD Awards scheme, since inception. The NMD Awards are given away on 14th November every year, coinciding with the birthday of Jawaharlal Nehru; the first Prime Minister of independent India.

NMD Awards:

1	Lifetime Achievement Award	1
2	National Metallurgist Award - Industry	1
3	National Metallurgist Award - Research and Academia	1
4	Metallurgist of the year	6
5	Young Metallurgist of the year	3
6	Certificate of Excellence	1



1963 - Dr S R Pramanik receiving First NMD Award from Shri C. Subramaniam the then Minister of Steel, Govt. of India



1996 - Golden Jubilee : Awardees at New Delhi

IIM Honours and Awards

The Institute recognizes and rewards outstanding contributions from metallurgists, material scientists, professionals, researchers, teachers and students in specific areas of specialisation. The awards are given away on 14th November every year along with the National Metallurgists' Day Awards.

IIM Honorary Membership

IIM Honorary Membership: Conferred, in recognition of distinguished services to the Metallurgical Profession and to the IIM.

ASM-IIM Lecture Series

Each year many members of ASM International who have studied or worked outside of India make brief personal visits to India. Many of these have gained experience which may be of interest to industrial, government or academic organizations in India. The visiting lectureship will bring together such qualified visitors and the appropriate organizations in India and provides honorarium for travel within India. The program, established in 1979, is intended to promote international cooperation and provide a useful service to ASM members.



1999 - Shri N R Narayana Murthy receiving Honorary Membership plaque from Prof. S. Ranganathan, the then President IIM at IIT Kanpur

IIM Awards :

- IIM - Platinum Medal
- IIM - Tata Gold Medal
- IIM - G D Birla Gold Medal
- IIM - IIM TSL New Millennium Iron Award
- IIM - Hindustan Zinc Gold Medal
- IIM - SAIL Gold Medal
- IIM - O P Jindal Gold Medal
- IIM - Essar Gold Medal
- IIM - SMS Demag Excellence Award
- IIM - NALCO Gold Medal
- IIM - Binani Gold Medal
- IIM - MECON Award
- IIM - Distinguished Educator Award
- IIM - Pandya Silver Medal
- IIM - Dr A K Bose Gold Medal
- IIM - Sir Padamji Ginwala Gold Medal
- IIM - N B Sen Medal
- IIM - Vidya Bharathi Prize
- IIM - Students Prize
- IIM - Prof Brahm Prakash Memorial Quiz Award
- IIM - Best Chapter Award
- IIM - Certificate of Honour

IIM Special Awards of Excellence :
The IIM Council during the year 2006-07 welcomed and approved instituting two special awards of excellence, namely:

IIM - JRD Tata Award
for
"Excellence in
Corporate Leadership
in Metallurgical Industries"



2008- Shri Ratan Tata receiving the inaugural IIM-JRD Tata Awards for excellence in Corporate leadership in Metallurgical Industries from Shri Santosh K. Bagradia Hon'ble Union Minister of State for coal at a special function on Nov 13, 2008. Other dignitaries on the dias are Prof S. Ranganathan , Shri L Pughazhenty and Shri J C Marwah.

7. IIM Membership

IIM - Corporate Membership

Category	Eligibility Criteria
Patron	Any Company, Institution, Government Department, Corporation, Industry or Trade Association, connected with the Metallurgical, Metals and Metals related Industries, Education or Research will be eligible to be elected as Patron, Donor or Sustaining member in the category of corporate membership.
Donor	
Sustaining	
Sustaining SSL	An eminent individual connected with Metallurgical, Metals and Metals related Industries, Education and Research is also eligible to be elected as a Patron Member .

Additional Benefits to Corporate Members :

◆ Industry Representation in the National Council

The business of the Institute are controlled and conducted by the IIM National Council. Industry forms an important segment of the Institute as its Patron, Donor and Sustaining Members. Appropriate representation from Industry is earmarked in the IIM National Council, by rotation.

◆ **Corporate Members are eligible for free copies of the Transaction of IIM**, an International journal of Minerals, Metals and Materials Engineering, mailed six times a year.

◆ **Membership Fees: Please refer to Membership Form enclosed in the Brochure Pocket**

IIM - Student Membership

Category	Eligibility Criteria	
Student Member (AMIIM)	An individual who is being educated or being trained for and intends to adopt the profession of a Metallurgist.	
	Age	Open
	Education:	Passed Higher Secondary (10+2) or equivalent with Physics, Chemistry and Mathematics with at least 2 years of industrial experience. OR B. Sc. after passing Higher Secondary (10+2) or equivalent with Physics, Chemistry and Mathematics. OR Holding Diploma in Engineering after passing Higher Secondary (10+2) or SSLC with Physics, Chemistry and Mathematics, [The Diploma Holders with SSLC background should have at least 1 (one) year of industrial experience after passing Diploma Examination.] OR Holding Bachelor's Degree in engineering or equivalent other than Metallurgy. Note: For appearing at the AMIIM exam following documents are to be submitted along with application. Documentary proof of academic qualifications, and Industrial Experience Certificate.
Student Member (Academic)	Age	Open
	Education:	Studying Bachelor's Degree in Metallurgical Engineering, till completion of Degree. Studying Diploma in Metallurgical Engineering, till completion of Diploma.
Student Affiliate Member	Age	Open
	Affiliation	A member of a Student Affiliate Chapter of the Institute.

* **Membership Fees: Please refer to Membership Form enclosed in the Brochure Pocket**

IIM - Individual Membership

Category	Eligibility Criteria	
Member & Life Member	Age Education	25 years minimum Bachelor's degree in Metallurgy or equivalent discipline, OR AMIIM exams (Part I & II) conducted by IIM with 3 years experience, OR Masters' degree in Metallurgy or equivalent with 1 year experience, OR Bachelors/Masters degree in other engineering discipline/Ph.D in Physics/Chemistry/Geology with 5 years experience OR Diploma in Metallurgy with 6 years experience OR Diploma in other Engineering Disciplines / B. Sc with Physics, Chemistry, Mathematics/Geology with at least 7 years experience OR Degree from a recognised University and proposed / recommended by at least 3 Past Presidents of the IIM
Fellow	Age Education Nomination	Open A candidate for admission to the class of 'Fellow' shall be a person of eminence in the profession who has significantly contributed in metallurgy and materials science including metals industry and academia of value / relevance in India with 15 (fifteen) years of professional experience, admitted by the Council of the Institute with reference to each individual case. Fellows can be nominated by : Honorary members, President, Vice Presidents, Fellows and Life Fellows of the Institute. To be proposed by one of the above and seconded by another.
Associate member & Life Associate Member [Applicable to existing Associate Members]	Age Education	20 years minimum Bachelor's degree in Metallurgy or equivalent discipline OR AMIIM exams (Part I & II) conducted by IIM OR Bachelor's / Master's degree in other engineering discipline / Ph. D in Physics/Chemistry/Geology with at least 2 years experience OR Diploma in Metallurgy with at least 3 years experience OR Diploma in Engineering other than Metallurgy / B. Sc with Physics/Chemistry/Mathematics/Geology with at least 4 years experience
Affiliate member	Age	Open An individual who does not fit into any of the membership category but is engaged for a period of not less than 10 years in the promotion of science and art of making, shaping and treating of metals and alloys and whose association in view of the Council will be useful to the IIM, may be elected as Affiliate member

● **Membership Fees : Please refer to Membership Form enclosed in the Brochure Pocket**

What Does IIM Offer to it's Members ?

IFYOU ARE.....

_ Students, Faculty Members and Researchers

- Industrial professionals and Entrepreneurs

_ Corporate Members: Large, Medium and Small scale sectors

Professionals dealing in Metals / Raw Materials / Minerals / Mining / Metal Processing / Plant Machinery & Equipment for Metallurgical Industries / Testing equipment and services / Environmental management, etc.

.....JOIN IIM AND ENJOY THE BENEFITS IT OFFERS:

★ **Professional Qualifications from the Institute : Associate Membership Examinations [AMIIM]**
To promote and facilitate education and development of working professionals, since 1962.

★ **Access to IIM Grants & Scholarships**

For educational and research activities in the field of Metallurgy, Grants and scholarships are given to the eligible and deserving applicants every year from IIM Swarna Jayanti Endowment.

★ **Access to IIM Library**, well stocked with the latest editions of technical books and journals from India and abroad.

★ **Access to publications of IIM.**

The bi-monthly journal of the Institute, 'IIM Metal News' is mailed free to members.

The bi-monthly 'Transactions' of the Institute at subsidised rate to members. Besides, all other publications of the Institute are available at cost.

★ **Access to attending IIM events** and their proceedings, such as:

Seminars, Symposia, Conferences, Technical Meetings, Workshops, Short Term Courses, Projects, Technical Exhibitions and National Metallurgists Day Celebrations - Annual Technical Meeting [NMD-ATM], held in November every year.

★ **Access to IIM Projects**

Members desirous of participating in the IIM Projects may opt to join the respective group or team of experts subject to their fulfilling the selection criteria.

★ **Access to Global Events**

Members may avail of the opportunities to participate in global events organised by overseas MoU partners.

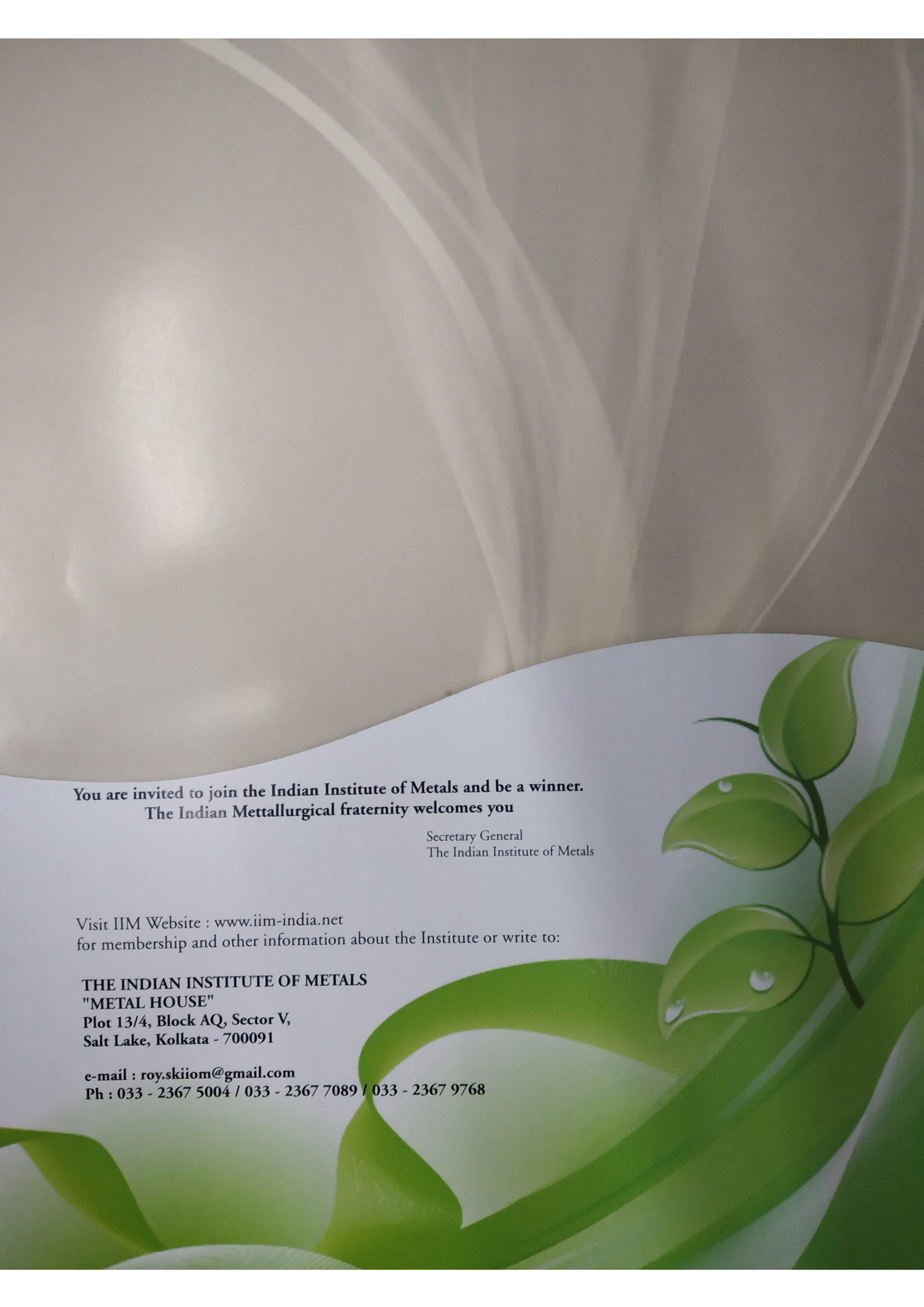
★ **IIM Honours & Awards**

Members are eligible to be nominated for IIM Honours and Awards and for the National Metallurgists Day Awards, subject to their satisfying the criteria for the respective awards.

★ **Election to Fellowship**

A member is also eligible to apply for Fellowship of the Institute. Nominations for 'Fellow' are invited by IIM Head Office every year. Elected Fellows are presented with Fellowship Plaque at the NMD- ATM event every year.

Above all IIM offers greatest opportunity to the students and the professionals for free interaction with the luminaries in the fields of Metals and Materials in the World.



**You are invited to join the Indian Institute of Metals and be a winner.
The Indian Metallurgical fraternity welcomes you**

Secretary General
The Indian Institute of Metals

Visit IIM Website : www.iim-india.net
for membership and other information about the Institute or write to:

**THE INDIAN INSTITUTE OF METALS
"METAL HOUSE"**

**Plot 13/4, Block AQ, Sector V,
Salt Lake, Kolkata - 700091**

e-mail : roy.skiiom@gmail.com

Ph : 033 - 2367 5004 / 033 - 2367 7089 / 033 - 2367 9768

