

National Conference

VENUE

Jawaharlal Nehru Aluminium Research
Development & Design Centre, Nagpur
Autonomous Body, Ministry of Mines, Govt. of India
Amravati Road, Wadi, Nagpur - 440023

February 23-24
2018

Development of
Aluminium Alloys &
Downstream products
for Defence, Aerospace
& other strategic applications

:: Organising Committee ::

:: Chairman ::
Dr Anupam Agnihotri
Director, JNARDDC

:: Convenors ::
R N Chouhan
Principal Scientist, JNARDDC
&
S Majumdar, Corporate Monitor

February 23-24
2018



Jawaharlal Nehru Aluminium Research
Development & Design Centre, Nagpur
Autonomous Body, Ministry of Mines, Govt. of India



Corporate Monitor, Kolkata

Indian Aluminium sector is waking up to a whole new world of opportunities. With both demand and consumption of the metal in positive territory, the time is now opportune for producers to move beyond their traditional strengths in electricals, transport and building segments and shift gears to the emerging applications offered by the defence and aerospace domains.

Aluminium Alloy requirements in the Indian defence sector are substantial. Many of the applications have traditionally used aluminium alloys with improved mechanical properties. There is however, a need for increasing the availability of high purity aluminium with state-of-the-art processing facilities and advanced centres for characterization, testing and certification.

Aluminium extrusions play a vital role in feeding the input materials in different profiles for defence applications. However, very few manufacturers in India produce high strength aluminium alloy extrusions for these strategic applications and most of these are imported.

There is enough demand for quality aluminium alloys in India's navy, defence and aerospace sectors. But, India's aluminium makers lack innovative product design, design parameters conversion and integration.

The manufacturing technology of high strength aluminium alloys and use of these alloys for casting and downstream processing is highly demanding in terms of scientific know how and expertise. Moving forward, the focus has to be on promoting research in production capabilities for working with such high strength aluminium alloys to produce semi-fab products like sheet, forgings and extrusions.

Major constraints in producing aerospace quality alloys in the areas of melting, melt treatment, furnace practices, homogenization of alloys, degassing, filtering and castings have to be removed. State-of-the-art techniques/facilities for inline refining like rotor degassing, Ceramic Foam Filtering (CFF) and automatic casting lines need to be explored.

The 2-day Conference is aimed to provide a common platform to the primary and secondary producers of Aluminium and its alloys, the casters & the extruders, plant level technologists, researchers, technology & equipment providers, the Defence and Aerospace equipment research and manufacturing establishments as well as the organisations involved with strategic applications of Aluminium to deliberate on the above issues and evolve an action plan for indigenous development of high strength aluminium alloys, castings and semi-fab products for strategic applications and futuristic applications including electric vehicles.

Registration/Delegate Fees: Rs 5000 (inclusive of GST)

:: Sponsorship ::

Platinum Sponsorship	: Rs. 1,50,000 (6 complimentary delegates)
Gold Sponsorship	: Rs. 1,00,000 (4 complimentary delegates)
Silver Sponsorship	: Rs. 60,000 (3 complimentary delegates)
Bronze Sponsorship	: Rs. 40,000 (2 complimentary delegates)
Sponsorship of Conference Dinner	: Rs. 1,50,000
Sponsorship of Conference Lunch	: Rs. 1,20,000
Sponsorship of Conference Kit	: Rs. 50,000
Sponsored Presentations	: Rs. 30,000 (with 2 complimentary delegates)

:: Souvenir Volume ::

Rs 15,000 for one page
Rs 5,000 for half page
(Complimentary with all sponsorships)



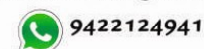
:: Payment related Details ::

for DD/Cheque: payee "JNARDDC, Nagpur"
NEFT/RTEGS: A/c No 041104000192392
IFSC: IBKL0000041 (IDBI Bank, Civil Lines, Nagpur)



:: Addresses for Communication ::

R N Chouhan
Principal Scientist
JNARDDC, Amravati Road, Nagpur - 440023
RNCHOUHAN@GMAIL.COM



S Majumdar
Corporate Monitor, Kolkata
corporatemonitor@outlook.com
9836374947

