



GREAT DIE CASTING TECHNOLOGY FORUM

GDCTECH 2024
CONFERENCE & EXHIBITION

SMART FACTORY FOR SUSTAINABLE GROWTH

19-20 (Thu-Fri) September 2024

Venue

The Pride Hotel

5, University Road, Pune - 411005, Maharashtra, India

Time: 9.30 am to 5.30 pm

www.gdctechforum.com



Appeal



Anil S. Kulkarni

President - GDCTECH FORUM

Chairman

POOJA CASTINGS PVT. LTD.



Dr. Aniruddha Karve

Chairman - Technical Paper Committee

Managing Director, MOLTEN METAL SYSTEMS

MORGAN ADVANCED MATERIALS PLC.



Rajesh R Aggarwal

Co. Chairman - Technical Paper Committee

Director

TECHSENSE ENGINEERING SERVICES

Dear Friends,

Great Diecasting Technology Forum is pleased to announce GDCTECH 2024 event including a technical conference and exhibition covering Aluminium Casting Technologies. The theme for this two-day event is “Smart Factory for Sustainable Growth”.

The technical conference includes Panel discussions, technical paper presentations, best casting award, quiz and design competitions. There is also an Exhibition with an opportunity to showcase your innovative technologies and products. A large number of well experienced owners, senior executives from industry, technical experts and knowledgeable delegates are therefore expected the event to visit.

The Event is organised at The Pride Hotel, Pune and the layout is enclosed for your ready reference. Since the event is just few days away, we sincerely urge you to book your space early to get the location of your choice and showcase your products, technologies and expertise.

Look forward to meeting you at GDCTECH 2024 on 19-20 September 2024.

Anil S. Kulkarni

President

GDCTECH FORUM

Inauguration Chief Guest

Mr. Shripadraj Ramchandra Ponshe

General Manager - Materials Engg.-WC

TATA MOTORS LIMITED

Guest of Honor

Mr. Ajay Tannu

Executive Director

OMR BAGLA AUTOMOTIVE SYSTEMS INDIA LTD.

Keynote Speaker

Mr. Snehasis Batabyal

Partner

KPMG India

Valedictory Chief Guest

Mr. Viren Joshi

Chairman, ODYSSEY AVENUE PARTNERS PVT. LTD.

Ex. Vice Chairman & Global CEO, Sigma Electric

Conference Content

■ BUSINESS STRATEGIES FOR GROWTH

Moderator : **Dr. Arvind Tilak**, CEO,
ASCENT INTELLIMATION PVT. LTD.

Sub Topics :

- Competitiveness and Tech Strategies
- Preparedness Assessment of Enterprises for adoption of smart manufacturing
- Growth strategies in current environment
- Improving Foundry Performance- the Theory of Constraints way
- Enterprise IT Stack for foundries
- Leveraging AI Models for Foundry performance enhancements

Panelist :

- ▶ **CA Aniruddha Joshi**
Co-Founder, YAGNA ENTREPRENEUR SUCCESS SERVICES PVT LTD
- ▶ **Prakash Raje**
Principal Consultant, ACTINS LLP
- ▶ **Sameer Kulkarni**
Founder, NAVAANTRIX PVT LTD
- ▶ **Sagar S. Kaushik**
Director, VICTORY PRECISIONS PVT. LTD.
- ▶ **Kiran Deshpande**, Consultant

■ SUSTAINABILITY IN DIE CASTING INDUSTRY

Moderator : **Mr. Pravinkumar Narake**, Vice President – Technology,
SIGMA ELECTRIC MANUFACTURING CORPORATION PVT. LTD.

Sub Topics :

- Smart foundry operations, Energy efficiency
- Automated Quality assurance
- sustainability ,Worker safety and ergonomics,
- Supply chain optimization, Circular economy initiatives
- Energy efficiency and carbon emissions reduction

Panellist :

- ▶ **Milind Saidane**
Co-founder and Director, INSTRON TECHNOLOGIES
- ▶ **Pravin Halkikar**
Principal consultant, QLSS BUSINESS CONSULTING PVT LTD
- ▶ **Pankaj kadam**
Senior manager EHS, VITESCO TECHNOLOGIES INDIA LIMITED
- ▶ **Uday Gupta**
Director, Eco Emarket, Senior consultant, CENTER FOR RESPONSIBLE BUSINESS
- ▶ **Nilesh Shedge**
CTO, CARBONMINUS

■ DIE CASTING TECHNOLOGIES IN NEW MOBILITY

Moderator: **Mr. Uday Sankar Yerramillin**, Co-Founder & Director,
USPI CONSULTING PVT. LTD.

Sub Topics :

- Possibility & Methodology of support for development of new mobility components for electric vehicles, Auto Driving Systems etc.,
- VOC
- Integration of Electronics & Sensors
- Supply Chain Optimization and Localization

Panellist :

- ▶ **Udayan Pathak**
Director - Udayan Pathak & Associates,
(Ex. Head- World Class Quality, ERC - Tata Motors)
- ▶ **Santosh P Kulkarni**
VP Materials – Polymer & Elastomer, BAJAJ AUTO LTD.
- ▶ **Avinash Arankalle**
Independent Consultant, Advisor & Faculty on Materials
- ▶ **Pradeep M Kulkarni**
AVP, KIRLOSKAR BROTHERS LTD.

■ SKILL DEVELOPMENT

Moderator : Mr. Sunil Patil, AGM - HR & Training,
SIGMA ELECTRIC MANUFACTURING CORPORATION PVT. LTD.

Sub Topics :

What steps industry should take to run the industry smoothly with skilled manpower.

Panelist :

- ▶ **Dr. Shravan Kadvekar**
Director, SYMBIOSIS, Centre For Corporate And Professional Learning
- ▶ **Mr. A. H. Patil**
Partner, MAP ALLOYS
- ▶ **Dr. Kamlesh Kumar Singh**, National Institute of Advanced Manufacturing Technology (NIAMT)
- ▶ **Mr. Anilsingh Makhloga**, Dy CEO, UNO MINDA LTD.
- ▶ **Prof. Manoj Khaladkar**, Training & Placement Officer, ARMY INSTITUTE OF TECHNOLOGY

■ DIGITALIZATION & AI

Moderator : Dr. Satish Patil

Sub Topics

- Role of AI in Digital Twins and Future of Manufacturing
- Digitization and AI in Industry 4.0
- Digital transformation with AI
- Next-Gen AI Digital Assistants and Chatbots

Delegates Profile

- | | |
|-----------------------------------------|-----------------------------------------------|
| ➤ Casting Manufacturers | ♦ Coatings & Lubricants |
| ➤ Die Manufacturers & Suppliers | ➤ Consultants |
| ➤ Manufacturers/Suppliers of Machines | ➤ Service Providers - Software, QC Inspection |
| ♦ Furnaces - melting & Heat Treatment | ➤ R & D Organisations |
| ♦ Auxiliary Equipments | ➤ Buyers and Sourcing Agents |
| ♦ Alloy, Master Alloys, Metal, Diesteel | ➤ Entrepreneurs |
| ♦ Crucibles | ➤ Senior Managers from Corporate Sector/MSME |
| ♦ Metal Treatment consumables | |

Panelist:

- ▶ **Ms. Sujata Tilak**
Managing Director, ASCENT INTELLIMATION PVT.LTD.
- ▶ **Sumesh Surendran**
Vice President-Digitalization, TVARIT SOLUTIONS PVT LTD
- ▶ **Vishwas Kale**
Managing Director, VIJAYESH INSTRUMENTS PVT. LTD.
- ▶ **Dr. Arvind Chinchure**
Founder & CEO, QLEAP

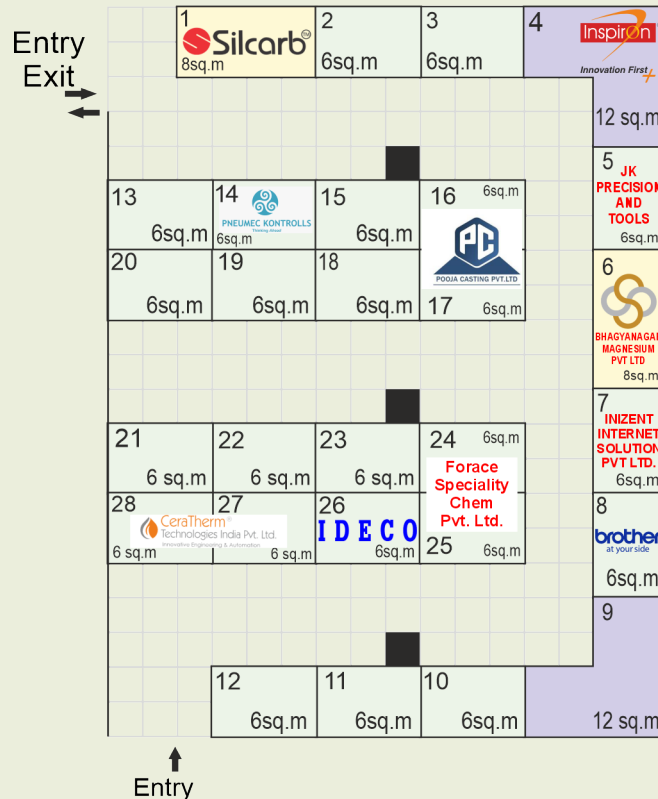
Paper Presentations 20 min. each on

“INNOVATION IN DIE CASTING TECHNOLOGIES”

- 1. Smart Die Technology**
Mr. Bharataj Ashok Patil, Dy. General Manager - QA & Die Casting Design, GODREJ & BOYCE MFG. CO. LTD.
- 2. Towards Realizing Carbon Neutrality Environmental Performance by Brother Speedio**
Mr. Pratik Shirke, Asst. Manager – Marketing, BROTHER MACHINERY INDIA PVT. LTD.
- 3. Innovation in Die casting technologies**
Mr. Vikas Garg, Managing Director, FORACE POLYMERS (P) LTD.
- 4. Product Presentation**
Mr. Atharva Ghosalkar Sales & Business Development, PRESCIENT TECHNOLOGIES

Exhibition Layout & TARIFF

Exhibition at The Pride Hotel, Pool Side, Covered area



Stall Details (Non Ac)						
Stall Area	Stall Size	Total Stall	Total Sq. Mtr.	Constructed Stall Facilities	Rate (Rs)	Rate USD (\$)
6 Sq. Mtr.	2m x 3m	24	144	1 Table, 2 Chairs, 3 Spotlights, 1 Plug Point, Facia, Carpet, 1 Dustbin One Delegate Free & additional delegates Rs. 6000/- + GST each	40,000/- + GST	635
8 Sq. Mtr.	2m x 4m	2	16	1 Table, 2 Chairs, 3 Spotlights, 1 Plug Point, Facia, Carpet, 1 Dustbin One Delegate Free & additional delegates Rs. 6000/- + GST each	45,000/- + GST	713
12 Sq. Mtr.	L Shape	2	24	2 Table, 2 Chairs, 4 Spotlights, 1 Plug Point, Facia, Carpet, 1 Dustbin Two Delegate Free & additional delegates Rs. 6000/- + GST each	65,000/- + GST	1030
Total		28	184			

* Exhibitors are free to Attend Technical Conference

Visitors Profile

- Foundry Owners, Entrepreneurs, CEOs
- New Projects, Startups Personnel
- Professionals from Aluminium Casting and Related industries Senior Executives, Managers, Engineers from Various areas – Manufacturing, Quality, Purchase, Marketing, Die shop, Maintenance, R & D.
- Casting Buyers
- R & D Personnel, Academia

Exhibitors Profile

All Industries related to Aluminium Casting Technology HPDC/LPDC/GDC

- A. Manufacturers, suppliers and Technology providers for
- HPDC, LPDC and GDC– Machines and Peripherals
 - Furnaces – Melting, Holding, Heat Treatment.
 - Die Steels
 - Consumables - Crucibles, Sensors, Metal Treatment, Lubricants and Die Coatings, Cores
 - 3 D Printing.
 - Post Casting - Fettling, Shot Blasting, Machining, Impregnation, Powder Coating, Anodising, Plating
 - Simulation
 - Rapid Prototyping
 - Testing & Measuring – Material Characterisation, Melt Quality, Leakage, Dimensions...etc.
- B. Automation
- C. Die Manufacturers
- D. Aluminium Casting Manufacturers - GDC/LPDC/HPDC
- E. Aluminium Casting Alloys, Master Alloys, Scrap - Manufacturers / Suppliers
- F. Labs, R & D Institutions
- G. Buyers of casting



Anand Joshi
Chairman - Exhibition Committee
Consultant - Aluminium Extrusion & Non-Ferrous Foundry

Technical Volume / Advertisement Tariff

A technical volume is being released on the occasion, containing Technical Papers written by experts. Tariff for advertisement in the Technical Volume is as given below :

Position	Size (cm.)	Type	Rate (Rs.)	Inclusive of GST.	<ul style="list-style-type: none">• For colour advertisement, material should be in suitable formats like CorelDraw (Open file), PDF (for Press), JPEG or TIFF (high resolution).• The size of the advertisement should not be more than specified size.• Last date for receiving the advertisement is 5th September 2024• Payment in favour of “Great Diecasting Technology Forum”, payable at Pune.
Front Cover	15.5 x 15	Multicolour	23,600.00		
Back Cover	17 x 24	Multicolour	17,700.00		
Front / Back Inside	17 x 24	Multicolour	11,800.00		
Full Page Colour	17 x 24	Multicolour	8,850.00		

Delegate Registration Fees

Category	Member	Non-Member
Individual	Rs. 9,440/-	Rs. 10,384/-
	US\$ 150	US\$ 165
Corporate (3 delegates)	Rs. 25,488/-	Rs. 28,037/-
	US\$ 405	US\$ 445

Delegate Registration Fee Includes Inclusive of G.S.T.
- Delegate Bag, Pen, Pad, Technical Volume, One gala dinner, 2 Lunches & Teas

Bank Details

You can pay by RTGS / NEFT
Account Name : Great Diecasting Technology Forum
Bank Name : UCO Bank
Branch Name : Deccan Gymkhana Branch
Account No. : 06870210002889
IFSC Code : UCBA0000687
MICR : 411028009
Type of A/c : Current

GDCTECH ZONAL OFFICES

Zonal Convenor ➤ Ahmedabad Rajesh Sampat Chief Operating Officer, INSPIRON ENGG. PVT. LTD. 9825336979 rajeshsampath@inspiron.co.in	Zonal Convenor ➤ Chennai B. Jayaprakash Country Head, Sales & Marketing- Aluminium, OM SAI MOULDS & PLASTICS 9545944666 jp@omsaimould.com
Zonal Convenor ➤ Coimbatore M. I. Benedict Raj Chief Operating Officer, BEST MARKETING COMPANY 9944414025 benedict@bestmarketingco.net	Zonal Convenor ➤ Delhi Prakash Chandra Director, FS INTERNATIONAL 9971288866 prakash.chandra@fsinternational.in

Sponsorship Details

Sponsor : ₹ 3,00,000 or USD (\$) 4756	
Privileges	➤ 2m X 3m stall
	➤ Company Logo on Backdrop
	➤ 5 delegates
	➤ Display of Welcome Banner at the venue
	➤ Front cover advertisement in the Technical Volume
	➤ Company logo will be printed on event brochure
	➤ Product Presentation 20 mints

Dinner Sponsor : ₹ 2,50,000 or USD (\$) 3963	
Privileges	➤ Company Logo on Backdrop
	➤ 3 delegates
	➤ Display of Welcome Banner at the venue
	➤ Front inside/ Back Inside Cover Page advertisement in the Technical Volume
	➤ Company logo will be printed on event brochure
	➤ Product Presentation 20 mints.

Co-Sponsorship : ₹ 2,00,000 or USD (\$) 3170	
Privileges	➤ 2m X 3m stall
	➤ Company Logo on Backdrop
	➤ 4 delegates
	➤ Display of Welcome Banner at the venue
	➤ Back Cover advertisement in the Technical Volume
	➤ Company logo will be printed on event brochure

Lunch Sponsor : ₹ 2,00,000 or USD (\$) 3170	
Privileges	➤ 2m X 3m stall
	➤ Company Logo on Backdrop
	➤ 4 delegates
	➤ Display of Welcome Banner at the venue
	➤ Full Page Advertisement in the Technical Volume
	➤ Company logo will be printed on event brochure
	➤ Product Presentation 20 mints

Delegate Kit : ₹ 1,50,000 or USD (\$) 2378	
Privileges	➤ Company Logo on Backdrop
	➤ 3 delegates
	➤ Your logo and company name will be printed on the delegate kit (Pen, Pad, Bag)
	➤ Full Page advertisement in the Technical Volume
	➤ Company logo will be printed on event brochure

Futuristic Techniques & Technology Award : ₹ 1,50,000 or USD (\$) 2378	
Privileges	➤ Company Logo on Backdrop
	➤ 2 delegates
	➤ Your company Banner at place
	➤ Company logo and name on Trophy & Certificate as a sponsor

CONFIRMED BY :
UNO MINDA LTD.

Best Casting Award : ₹ 1,50,000 or USD (\$) 2378	
Privileges	➤ Company Logo on Backdrop
	➤ 2 delegates
	➤ Your company Banner at Best Casting Display Stall
	➤ Company logo and name on Trophy & Certificate as a sponsor

CONFIRMED BY :
SIPRA ENGINEERS PVT LTD.

Quiz Programme : ₹ 1,00,000 or USD (\$) 1585	
Privileges	➤ Company Logo on Backdrop
	➤ 2 delegates
	➤ Your company Banner at Quiz place
	➤ Company logo and name on Trophy & Certificate as a sponsor

CONFIRMED BY :
SIGMA ELECTRIC MANUFACTURING CORPORATION PVT . LTD.

Best Design Competition : ₹ 1,00,000 or USD (\$) 1585	
Privileges	➤ Company Logo on Backdrop
	➤ 2 delegates
	➤ Your company Banner during award function
	➤ Company logo and name on Trophy & Certificate as a sponsor

CONFIRMED BY :
VULKAN TECHNOLOGIES PVT. LTD.

Cocktails : ₹ 75,000 or USD (\$) 1189	
Privileges	➤ 2 delegates
	➤ Logo on Backdrop and banner on the venue
	➤ Full Page advertisement in the Technical Volume

Inaugural Tea or Valedictory Tea Sponsorship : ₹ 50,000 or USD (\$) 793	
Privileges	➤ 1 delegate
	➤ Company Banner at the venue during the Inaugural Tea
	➤ One advertisement in the Technical Volume

CONFIRMED BY :
DIETECH INDIA (P) LIMITED

Tea Sponsorship : ₹ 35,000 or USD (\$) 555	
Privileges	➤ 1 delegate
	➤ Banner at Tea Venue

Note: Additional privileges for Sponsors, if they book additional space than complimentary stall, they will get 10% discount on the same. E-mail :- gdctech@arkeycell.com

*GST will be paid by sponsor

Best Casting Award

GDC TECH has a motto to motivate the die casting industry to improve their systems and processes which lead to significant enhancement of performance parameters such as quality, cost, delivery and development. As a part of this motto BEST DIE CASTING AWARD OF THE YEAR has been instituted. Visit Casting Display Pavilion in the Exhibition.

This award has been sponsored by SIPRA ENGINEERS PVT LTD.



Quiz Competition

The competition was meant for shop floor supervisors and will test their knowledge of basic foundry engineering and processes. So far through out the year we have conducted Quiz in Pune, Coimbatore, Delhi, Chennai, Aurangabad & Ahmedabad.

Winner teams will participate in final during the Annual Conference on GDCTECH 2024. The winner will get a certificate and Trophy.

This award has been sponsored by SIGMA ELECTRIC MANUFACTURING CORPORATION PVT. LTD.



Best Design Competition

The Casting Design Competition will be held in the month of August for Design Engineers. Awards will be announced for best two entries in each category.

This award has been sponsored by VULKAN TECHNOLOGIES PVT. LTD.



Futuristic Techniques & Technology Award

The award brings same thought process in minds of everyone, especially the exhibitors have to participate with a ground breaking innovation. It should be feasible, viable, desirable, LEADING TO Cost Reduction and Quality Enhancement. You innovation should bring in a noticeable change in the die casting world.

This award has been sponsored by UNO MINDA LTD.



For Details Contact



GREAT DIECASTING TECHNOLOGY FORUM

'Guruprasad', 1st Floor, 37/4/A, 6th Lane, Prabhat Road, Pune 411 004 INDIA

Mobile: +91 9764711315 | gdctech@arkeycell.com, arkeyconference@arkeycell.com | www.gdctechforum.com

GDC TECH 2024 Conference Programme

Day 1: 19 September 2024 (Thursday)

08.30 - 09.00 Hrs : Registration

09.00 - 10.30 Hrs : Inauguration

10.30 - 11.00 Hrs : TEA BREAK

PANEL DISCUSSION I

11.00 - 13.00 Hrs : **BUSINESS STRATEGIES FOR GROWTH**

13.00 - 14.00 Hrs : LUNCH BREAK

PANEL DISCUSSION II

14.00 - 16.00 Hrs : **SUSTAINABILITY IN DIE CASTING INDUSTRY**

16.00 - 16.30 Hrs : TEA BREAK

PANEL DISCUSSION III

16.30 - 18.00 Hrs : **DIE CASTING TECHNOLOGIES IN NEW MOBILITY**

Day 2: 20 September 2024 (Friday)

PANEL DISCUSSION IV

09.30 - 11.00 Hrs : **SKILL DEVELOPMENT**

11.00 - 11.30 Hrs : TEA BREAK

PANEL DISCUSSION V

11.30 - 13.30 Hrs : **DIGITALIZATION & AI - III**

13.30 - 14.30 Hrs : LUNCH BREAK

TECHNICAL PAPERS

14.30 - 16.30 Hrs : Paper Presentations 20 min. each on **INNOVATION**

IN DIE CASTING TECHNOLOGIES

16.30 - 17.00 Hrs : Closing

17.00 Hrs Onwards : Valedictory Tea

* Schedule subject to change

Event Managed by



ARKEY CONFERENCE &
ENGINEERING SERVICES, PUNE