Registration Details

Registration fee:

Industry participants* : ₹10,000/- (+18% GST)
Government R&D labs : ₹6,000/- (+18% GST)
Academic institutions : ₹6,000/- (+18% GST)
Students / post-docs : ₹1,000/- (+18% GST)

*Industry participants who are members of Aeronautical Society of India (AeSI), Systems Society of India (SSI), Indian Society of Systems for Science and Engineering (ISSSE), Society of Automotive Engineers (SAE), or Industry participants those who register early (by 19th February, 2020) get a discount of 20%.

Spot registration is also available but with 20% extra fee. The payment modes and address for sending DD / Cheque are given in www.ncmdao.org.

Sponsorship:

The conference will provide opportunity for sponsors to showcase their analysis software tools / hardware using stalls, presentation slots, advertisements in the souvenir, etc.

<table>
<thead>
<tr>
<th>Category</th>
<th>Platinum Sponsors (INR 3,00,000)</th>
<th>Golden Sponsors (INR 2,00,000)</th>
<th>Silver Sponsors (INR 1,00,000)</th>
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<tbody>
<tr>
<td>Advertisement</td>
<td>Full page</td>
<td>Full page</td>
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<tr>
<td>Banner</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>Presentation in conference</td>
<td>15 min</td>
<td>10 min</td>
<td>Nil</td>
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<tr>
<td>Complimentary registrations</td>
<td>4</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Exhibition Stall</td>
<td>Yes</td>
<td>Nil</td>
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Souvenir

<table>
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<tr>
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<th>Tariff (INR)</th>
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<tr>
<td>Half Page</td>
<td>40,000 + 18% GST</td>
</tr>
<tr>
<td>Full Page</td>
<td>60,000 + 18% GST</td>
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<tr>
<td>Front &amp; back</td>
<td>75,000 + 18% GST</td>
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<tr>
<td>Inside Cover</td>
<td>1,00,000 + 18% GST</td>
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<tr>
<td>Back Cover</td>
<td>1,00,000 + 18% GST</td>
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Exhibition Stall

<table>
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<tr>
<th>Space</th>
<th>Tariff (INR)</th>
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<tbody>
<tr>
<td>4mX3m</td>
<td>1,00,000 + 5% GST</td>
</tr>
<tr>
<td>3mX3m</td>
<td>75,000 + 5% GST</td>
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The sponsors are also encouraged to submit case studies in the area of MDAO as regular papers in collaboration with industry users.
Most engineering designs involve multiple disciplines. Interaction between different disciplines often result in optimum system designs considerably different from optimum designs obtained using individual discipline analysis and optimization. Multidisciplinary Design Optimization (MDO) builds on Multidisciplinary Design Analysis (MDA) along with optimization and other numerical / analytical techniques to enable efficient, accurate, reliable and robust system design optimization.

NCMDAO 2020, the 3rd edition of the National Conference on Multidisciplinary Design, Analysis and Optimization (NCMDAO), will take place at the Vikram Sarabhai Space Center (VSSC), Thiruvananthapuram from 19th -21st March 2020. The conference is jointly organized by VSSC, Thiruvananthapuram chapters of System Society of India (SSI) & Indian Society of Systems for Science and Engineering (ISSE), Design Division, Aeronautical Society of India (AirS), Indian Institute of Science (IISC), Bengaluru, Indian Institute of Technology Madras (IITM) and Indian Institute of Technology Bombay (IITB). It aims to foster communication among academicians, researchers and industry professionals working in the areas of multidisciplinary design, analysis, and optimization through contributed paper presentations, interactive poster sessions, keynote and invited talks, panel discussions and a master class on contemporary topics.

Prospective authors are encouraged to submit original work in the form of extended abstracts discussing application of established and emerging techniques to optimization-based design and model-based systems. The submissions can be in various fields including aerospace, automotive, biomedical, chemical, civil, electrical and manufacturing engineering. Industrial applications are highly encouraged.

Applications are invited for the following:

- **Topics of interest include, but are not limited to:**
  - Size, shape and topology optimization
  - Meta-modeling or surrogate modeling
  - Systems design and optimization
  - Model-based surrogate modeling
  - Machine learning in optimization
  - Inverse problems
  - Parameter estimation
  - Uncertainty quantification, reliability and robustness in design
  - Evolutionary and heuristic methods and algorithms
  - Sensitivity analysis methods and applications
  - Operations management
  - Multiscale and multiphysics problems
  - Smart Structures and Materials
  - Optimal design for manufacturing and maintenance
  - Design and optimization in additive manufacturing
  - Case studies in Multidisciplinary Design Optimization

- **Extended Abstracts:**
  Extended abstracts may be uploaded in pdf format using the link [https://easychair.org/conferences/?conf=ncmdao2020](https://easychair.org/conferences/?conf=ncmdao2020). The extended abstracts should not exceed 2 single sided A4 size pages and should conform to the sample format given in www.ncmdao.org.

- **Important Dates:**
  - Extended Abstract Submission: 10th Jan., 2020
  - Abstract acceptance: 05th Feb., 2020
  - Full paper submission (optional): 02nd Mar., 2020
  - Last date for registration: 28th Feb., 2020
  - Date of the master class: 19th Mar., 2020
  - Date of the conference: 20th & 21st Mar., 2020

- **Payment Details:**
  - The fee shall be remitted through cheque/draft drawn in favour of NCMDAO 2020, payable at Thiruvananthapuram.
  - Payments can also be made by bank transfer to NCMDAO 2020 account.

- **NCMDAO 2020**
  - A/C Name: NCMDAO 2020
  - A/C Number: 38961046463
  - Branch: SBI, Thumba, Trivandrum
  - IFSC Number: SBIN0002279
  - GSTIN: 32AADTS7111F1ZV