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17/02/17

VC VC <vc@rgukt.ac.in>

Fwd: Request for nomination of students to participate in the Technical Exhibition and National Science Day Celebrations at ARCI, Hyderabad on Feb 28th, 2017

G Devaraju <g.devaraju@gmail.com>
To: vc.ts@rgukt.in
Cc: Secretary VC <secytovc.ts@rgukt.in>

Wed, Feb 15, 2017 at 9:42 PM

Dean Arci ✓

Dear Sir,

I would like to bring it to your notice that there is a technical exhibition and National Science Day celebrations at ARCI on 28th Feb, 2017. Dr Tata Rao, Associate Director of ARCI asked to nominate our students to the same. As per email, interested faculty can nominate their students by filling registration form latest by 17th Feb so as to reach them on or before 17th Feb. Once I get details of students from faculty, I can communicate the number along with registration details to chairman.

May I ask you to see details of the event in this forwarded email and to kindly suggest as to how many students we can nominate.

After your consent, office can display or send this information to all HODs and to all faculty members to receive nominations.

Sincerely,
Devaraju

----- Forwarded message -----

From: "Tata N. Rao" <techex.2017@arci.res.in>

Date: 15 Feb 2017 18:06

Subject: Request for nomination of students to participate in the Technical Exhibition and National Science Day Celebrations at ARCI, Hyderabad on Feb 28th, 2017

To: <g.devaraju@gmail.com>

Cc: <subasri@arci.res.in>

Dear Dr. Dr. G. Devaraju, ✓

In continuation of my earlier mail on the same subject, I am happy to attach the detailed program schedule of the event to be held at ARCI and the registration form. Kindly arrange to send in the filled-in registration forms separately for each student participant along with details on the degree pursuing and branch specialization, by email to **subasri@arci.res.in** with a Cc to **techex.2017@arci.res.in**, on or before 17-02-2017. It may kindly be noted that the **event is open to students only on Feb 28th**.

I look forward to receiving the registration forms on or before 17-02-2017. Once the list has been finalized, a confirmation mail shall be sent to you.

Thanking you,

Yours sincerely,

Tata

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Dr. Tata Narasinga Rao
Associate Director and Chairman
ARCI TechEx-2017
International Advanced Research Centre for
Powder Metallurgy and New Materials (ARCI)
Balapur, Hyderabad-500 005
TELANGANA, INDIA
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International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI)

(An autonomous R&D Centre of Department of Science & Technology, Govt. of India)

invites you to

ARCITechEx 2017

CELEBRATING
20
YEARS
OF **ARCI**

February 27-28, 2017
ARCI, Balapur, Hyderabad

Supported by



Confederation of Indian Industry

- Technology Exposition
- Business Opportunity Workshops on
 - Surface Engineering
 - Fuel Cell Technology
- Expert Panel Discussion on "Materials & Manufacturing Processes - Future Perspective"
- Dedication of the New Centre for Engineered Coatings to the Nation
- Inauguration of Additive Manufacturing Facility
- Science Day Lectures by Eminent Personalities
- Open House for Science & Engineering Students & Other Visitors

Chief Guest

Dr. Harsh Vardhan, Hon'ble Union Minister for
Science & Technology and Earth Sciences*

Guests of Honour

Shri Y.S. Chowdary, Hon'ble Minister of State
for Science & Technology and Earth Sciences,
Govt. of India

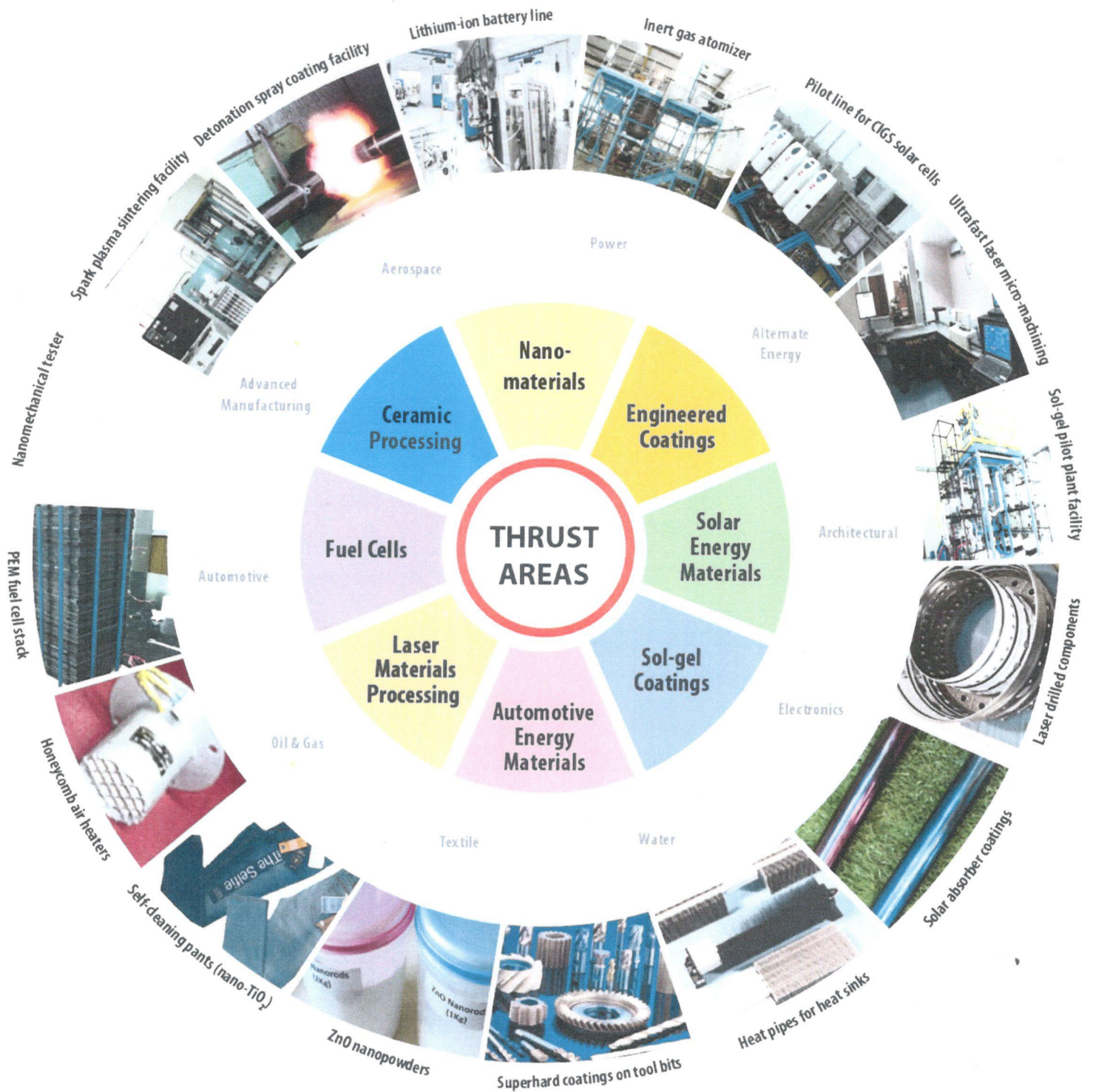
Shri K.T. Rama Rao, Hon'ble Minister for IT,
Industries, MA & UD, NRI Affairs,
Govt. of Telangana*

Prof. Ashutosh Sharma, Secretary, Department
of Science and Technology, Govt. of India

* Confirmation awaited

ARCI is an autonomous Research & Development Centre of Department of Science and Technology (DST), Government of India located in Hyderabad, Telangana, India with Centres at Chennai and the Gurugram. Operational since 1996-1997, ARCI has been diligently pursuing its unique mandate of:

- Development of High Performance Materials and Processes for Niche Market;
- Demonstration of Technologies at Prototype/Pilot Plant Scale; and
- Transfer of Technologies to industry



Translating Research to Technology

- Transferred 16 technologies to 28 companies
- Developed more than 150 technological applications for industrial/strategic usage

About the Event

ARCITechEx 2017 is being organized to celebrate 20 years of successful operation of ARCI. The event includes:

- Technology Exposition (*being supported by Confederation of Indian Industry [CII]*)
- Business Opportunity Workshops on Surface Engineering and Fuel Cell Technology
- Panel Discussion on "Materials and Manufacturing Technologies - Future Perspectives"
- Dedication of the New Centre for Engineered Coatings to the Nation
- Inauguration of Additive Manufacturing Facility
- Science Day Lecture by Eminent Personalities
- Open house for Science & Engineering students and other visitors

Technology Exposition

An exhibition on technologies, products, solutions and research highlights of various Centres of Excellence of ARCI and other stalls:

- Nanomaterials
- Engineered Coatings
- Ceramic Processing
- Automotive Energy Materials
- Solar Energy Materials
- Laser Processing of Materials
- Fuel Cells
- Non-Oxide Ceramics
- Carbon Materials
- Sol-gel Coatings
- Materials Characterization and Testing
- Stalls by Industries who received ARCI technologies
- Industry and academic collaborators of ARCI.
- Organizations supporting technology development and transfer

Business Opportunity Workshops

Two parallel Business Opportunity Workshops will be held during the event on February 27, 2017 (14.30 hrs onwards).

Business Opportunities in Surface Engineering

Coatings play a vital role in enhancing the service life of engineering components across a wide range of industrial sectors. In India, ARCI's Centre for Engineered Coatings (CEC) has emerged as a premier centre capable of depositing vastly different coating material combinations with thicknesses ranging from a few nanometers to a couple of millimeters.

Technologies transferred to multiple companies so far from the CEC include the Detonation spray coating (DSC), Micro-arc oxidation (MAO) and Electro-spark coating (ESC) to multiple technology receivers.

As a continuing effort to meet the current requirements of the market, ARCI will now launch and showcase three new technologies during the workshop, namely:

- Portable cold spray technology (meant to deposit a variety of metallic and composite coatings)
- New variant of the DSC Technology (for depositing ceramic, cermet coatings with enhanced productivity); and
- MAO Technology (academic version for depositing ceramic coatings on Aluminum)

In addition, vital information about various other technologies such as electron beam PVD, cathodic arc PVD, plasma spraying, pulsed electrodeposition, laser surface engineering and multifunctional sol-gel nanocomposite coatings for diverse applications, will also be shared with the participants. Furthermore, state-of-the-art surface mechanical property characterization tools will be showcased and various application development aspects will be discussed.

Business Opportunities in Fuel Cell Technology

The workshops will include:

- Presentations on features of various related technologies
- Demonstration; and
- One-on-one meetings for licensing / transfer of technology