



The Aligarh Muslim University, Aligarh, India

announces

International Conference

On

**Nanotechnology (ALIGARH NANO-V) and STEM-Education and Research (STEM CON-16)
(March 12-15, 2016)**



THE OHIO STATE UNIVERSITY

In partnership with The Ohio State University (OSU) in Ohio, USA and CEERI Pilani, the Aligarh Muslim University (AMU) is organizing an International Conference on Nanotechnology and STEM-ER (Science, Technology, Engineering and Mathematics-Education and Research) during March 12-15, 2016. More than fifty foreign delegates are expected to attend. The first two days (March 12 & 13, 2016) would be devoted to Nanotechnology and its applications, the next two days (March 14 & 15, 2016) to on recent advances and methods to improve the teaching and research standards in STEM subjects in universities in India and other developing countries.

In a pilot project (STEM-ER) funded by the US-India Education Foundation (USIEF) under the title '21st Century Knowledge Initiative', OSU and AMU have started a two-year dual PhD and Masters of Education (Med-STEM) degree programs. Four AMU PhD research students, selected under a very strict criteria have already completed courses of the first academic year at OSU and returned to AMU to continue the second year for the dual PhD+Med (STEM) degrees. The aim of the project is to create world class faculty for teaching and research at Indian Universities.

The *Centre of Excellence in Materials Science (Nanomaterials)* at AMU supported by Council of Science and Technology (CST) Uttar Pradesh is a leading national centre for Nanotechnology research with several patents (published) and awards to its credit. The Centre successfully organized four conferences in past with active participation of foreign and national experts on Nanotechnology.

Under Patronage

Lt. Gen. Zameer Uddin Shah
Vice Chancellor, AMU

Brigd. S. Ahmed Ali
Pro-Vice Chancellor, AMU

Conference Themes

NANOTECHNOLOGY

- ✓ Nanotechnology for defence applications
- ✓ Synthesis and characterization techniques of nanomaterials
- ✓ Nanotechnology for harnessing energy
- ✓ Nanomaterials in food, agriculture and water purification
- ✓ Nanoparticles for engineering materials
- ✓ Magnetic nanoparticles and applications
- ✓ Nanoparticles based drug targeting
- ✓ Nanomedicine and health-care
- ✓ Nanoelectronics and nanosensors
- ✓ Bionanotechnology
- ✓ Nanocosmetics and house hold products
- ✓ Graphene and its nanocomposites
- ✓ Organic and inorganic nanocomposites

STEM-ER

- ✓ US-India STEM Faculty Training Project
- ✓ STEM Teaching at Indian Universities
- ✓ Indo-US Universities Consortium for STEM-ER
- ✓ International STEM-ER Initiatives
- ✓ Digital STEM education

For more details please visit:

Websites:

www.aligarhnano.com

www.astronomy.ohio-state.edu/~pradhan/Stem/main.html

Contact us at: aligarhnano@gmail.com

Support: "US-India Education Foundation, AMU"

Prizes: Best Oral and BestPoster presentations

Conference Chairs

Nanotechnology (ALIGARH NANO-V)

1. Prof. Alim H. Naqvi (Convener)
E-mail: alimhnaqvi@yahoo.com, Mobile No.:+91-9219505388
2. Prof. Ameer Azam (Convener and Chairperson Applied Physics Deptt.)
E-mail: azam2288@gmail.com, Mobile No.:+91- 9319788742
3. Prof. Parvez Qamar Rizvi (Co-convener)
E-mail:pqrizvi@rediffmail.com, Mobile No.:+91-9412328718
4. Prof. Jamil Akhtar (Co-convener)
E-mail: jamil@ceeri.ernet.in, Mobile No.:+91-9829075297
5. Dr. Shakeel Khan (Co-convener)
E-mail: skhanapd@gmail.com, Mobile No.:+91-9358210751
6. Dr. M. Wasi Khan (Organizing Secretary)
E-mail: wasiamu@gmail.com, Mobile No.:+91-9897532717
7. Dr. S.S.Z. Ashraf (Joint Organizing Secretary)
E-mail: ssz_ashraf@rediffmail.com, Mobile No.:+91-8171289819
8. Dr. Braj Raj Singh (Joint Organizing Secretary)
E-mail: brajviro@gmail.com, MobileNo .:+91-7417311153
9. Dr. Azra Parveen (Joint Organizing Secretary)
E-mail: azrap2001@gmail.com
10. Dr. S. Asad Ali (Joint Organizing Secretary)
E-mail: asadsyied@gmail.com, Mobile No.:+91-9412537464
11. Dr. Zafrul Hasan (Joint Organizing Secretary)
E-mail: zafaramu@gmail.com, Mobile No.:+91-9456096093

STEM-ER (STEMCON-16)

1. Prof. Anil Pradhan, Ohio State University, USA (Convener)
E-mail: pradhan.1@osu.edu, Mobile No.: 1-614-292-5850
2. Prof. Nesar Ahmad, AMU, Aligarh (Convener)
E-mail: nesar.ahmad@gmail.com, Mobile No.:+91- 9411878942
3. Prof. Sultana N. Nahar, Ohio State University, USA (Co-convener)
E-mail: nahar.1@osu.edu, Mobile No.: 1-614-292-1888
4. Prof. Karen Irving, Ohio State University, USA (Co-convener)
E-mail: irving.8@osu.edu, Mobile.: 1-614-292- 1229
5. Prof. Rahimullah Khan, AMU, Aligarh (Co-convener)
E-mail: rahimullah@rediffmail.com, Mobile No.: +91-09319683858
6. Prof. Altaf Wani, Ohio State University, USA (Co-convener)
E-mail: wani.2@osu.edu, Mobile No: 1-614-292-9015
7. Prof. Asad Ullah Khan, AMU, Aligarh (Organizing Secretary)
E-mail: asad.k@rediffmail.com, Mobile No.:+91- 9837021912
8. Mr. Hasan Kamal, USA (Joint Organizing Secretary)
E-mail: hasankamalusa@gmail.com,
9. Dr. P. Tripathi, AMU, Aligarh (Joint Organizing Secretary)
E-mail: ptrip71@yahoo.com, Mobile No.: +91-8791472602
10. Dr. M. Mohsin Khan, AMU, Aligarh (Joint Organizing Secretary)
E-mail: khanmohsinin@gmail.com, Mobile No.: +91-9634367427

Key Dates

Last date of Abstract Submission : January 1, 2016
Acceptance Notification : January 15, 2016
Last date for early bird registration : February 1, 2016
Dates of Conference : March 12 - 15, 2016

Registration Fees

Type of Visitor	Indian Delegates	Indian Delegates	Foreign Delegates	Foreign Delegates
	Early Bird (Upto Feb. 1, 2016)	Late Entry (After Feb. 1, 2016)	Early Bird (Upto Feb. 1, 2016)	Late Entry (After Feb. 1, 2016)
Students	Rs. 2000/-	Rs. 2500/-	US\$ 150/-	US\$ 200/-
Academia / R&D Institution	Rs. 4000/-	Rs. 5000/-	US\$ 200/-	US\$ 250/-
Industry	Rs. 10000/-	Rs. 11000/-	US\$ 250 /-	US\$ 350/-

