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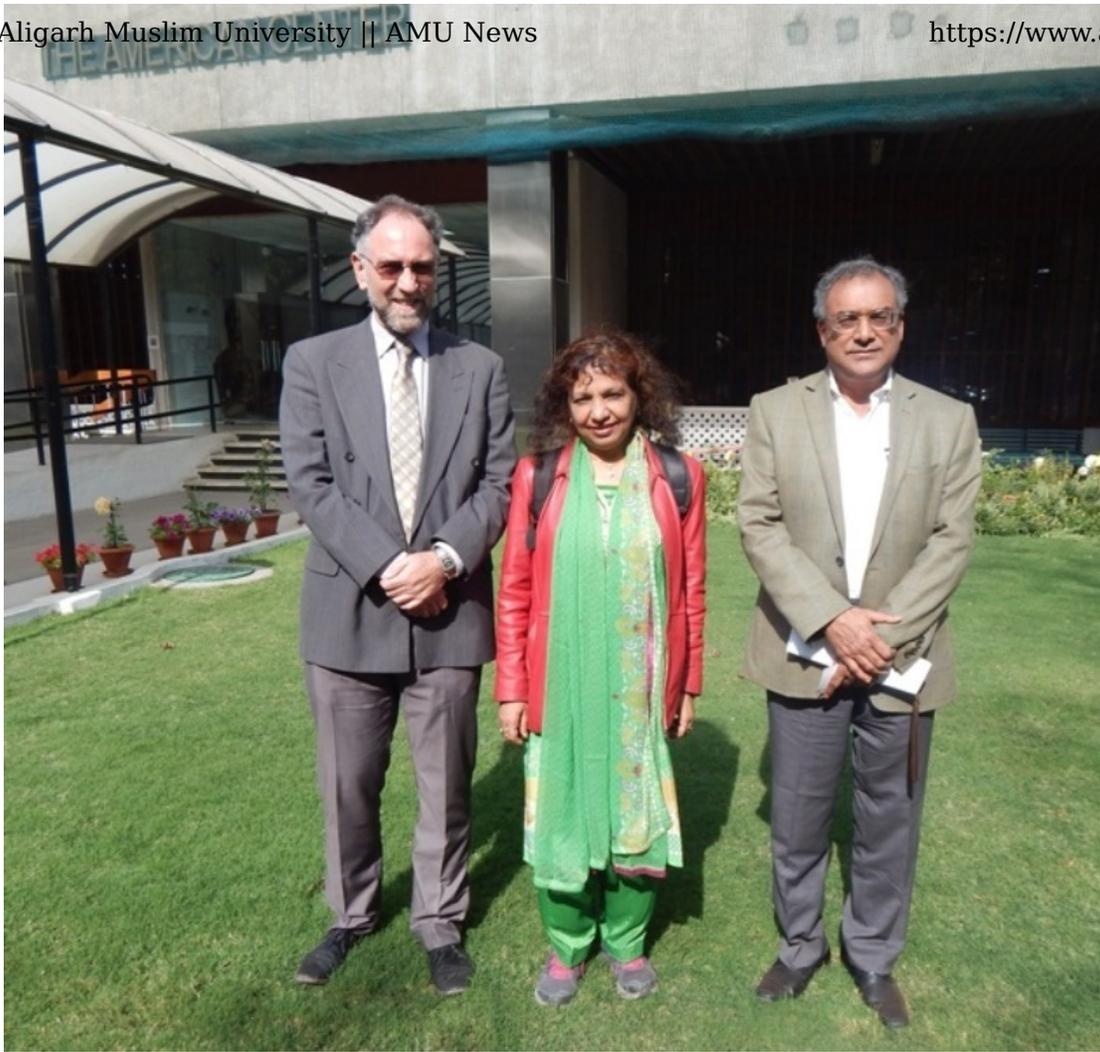
# AMU NEWS

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## AMU NEWS

## AMU NEWS





**15-APR-2017:**

AMU establishes Centre of Excellence in STEM-ER

ALIGARH April 15: The Aligarh Muslim University (AMU) has established a Centre of Excellence in Science, Technology, Engineering, Mathematics - Education and Research (STEM-ER) in consonance with the Ohio State University (OSU), US, under the ambitious Indo-US 21st Century Knowledge Initiative, earlier known as Obama Singh knowledge Initiative and supported by the US-Indo Education Foundation (USIEF). The STEM-ER project aims at training graduate students to become the world class teachers and researchers at the University level.

This Centre will provide sustenance to the Pilot Project, jointly started under the OSU-AMU partnership, which has developed a novel and unique Dual Degree programme, with a graduate degree from AMU and a newly designed two-year masters of education degree with STEM specialization from OSU, with equal emphasis on advanced research and education. With this centre in saddle, the Aligarh Muslim University will become an "Innovation Incubator" for advanced teaching and learning in STEM subjects which will ultimately provide fillip to the local, state, national and international STEM Education outreach.

The broader aim of the project also includes its expansion into an Indo-US STEM-ER Consortium of Indian and US Universities, which will encompass higher education institutions across India.

An AMU-OSU Symposium was held under the supervision of Prof. Anil Pradhan, Director and Prof. Sultana N. Nahar, Associate Director, OSU, with Dr. Craig L. Dicker, Counselor, Cultural Affairs, US Embassy, New Delhi as the chief speaker.

Appreciating the efforts of the people both at AMU and OSU to make this pilot dual degree programme a big success, Dr Dicker said that there is a productive symbiotic relationship between teaching and re-search and our young AMU scholars have embraced this connection in

He said that the AMU scholars, who have spent a semester or two at OSU, already had superlative backgrounds in their fields of specialization, they knew the science and at OSU they were exposed to state of the art teaching methodologies and given opportunities to apply those methods in the undergraduate courses they were teaching at AMU. He said that OSU faculty continued to provide them with mentorship and guidance as they implemented new pedagogical strategies at Aligarh.

Dr Dicker said that this project aims at countering the brain drain by creating a cadre of teacher-researchers at AMU who will continue to work together, feed off each other and break new ground as they develop a world class educational and re-search program at AMU. The creation of the Centre for Excellence in STEM Education and Research at AMU will serve to ensure that the lessons learned through this initiative are shared widely across India and beyond, he added.

He said that the programme includes an outreach component designed to implement programmes in schools in socio-economically disadvantaged communities and learning opportunities in sciences, technologies, mathematics etc shouldn't be restricted to those who come from more socio-economically advantaged backgrounds.

Considering the participation of women scholars in the STEM-ER programme on equal terms as a blessing for the project, Dr Dicker said that in most STEM programmes, the majority of students, in the US, India and elsewhere, are men. By engaging female participants as STEM specialists, this project serves as a role model for creating a gender-balanced programme, he added.

Dr Dicker said that there was no magic bullet to address all the challenges faced by Americans and Indians in providing quality STEM education and conducting world-class research. However, this AMU-OSU joint initiative "certainly provides some of the answers", he added.

A pioneering group of four highly qualified research students in science and engineering at AMU was selected in the first-year batch in 2014. They joined the main campus of OSU in Columbus, Ohio for two semesters for graduate courses in state-of-the-art teaching methodologies and advanced scientific research in their respective STEM disciplines, while retaining their status as AMU PhD students.

During the second year of the programme, the students returned to AMU for field experience in undergraduate teaching, implementing the acquired training in advanced pedagogical techniques, including digital instruction, while continuing the remainder of their doctoral research.

A second batch of four AMU students has also been supported in 2016 by the USIEF grant for one semester of research in respective STEM disciplines under the supervision of OSU faculty advisers.

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Related Pictures

Dr Craig with members of the Indo-US (formerly OBAMA-SINGH) STEM ER Project at AMU (newevent/news/6813.jpg)

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**05-JUL-2017** : Prof Asif Hasan attends International Conference in London Aligarh, July 5: Professor Asif Hasan (about3.jsp?did=5864)

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**05-JUL-2017** : Prof Sayeedul Hasan Arif declared as EC member Aligarh, July 5: Professor

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**05-JUL-2017** : Senior most Provosts appointed as members of the University Court Aligarh, July 5: In terms of St (about3.jsp?did=5867)

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**04-JUL-2017** : Professor Shabhat Husain attends International Conference in Singapore Aligarh, July 4: Professo (about3.jsp?did=5869)

**04-JUL-2017** : Prof Shameem appointed as PROGRAMME CHAIR, MMSC in Tuberculosis and Chest Disease course at College (about3.jsp?did=5870)

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**03-JUL-2017** : Prof Hammad Usmani appointed as Deputy Director, Medical Attendance Scheme Aligarh, July 3: (about3.jsp?did=5872)

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**03-JUL-2017** : New Presidents appointed for various University Games Committee Clubs Aligarh, July 3: The Aliga (about3.jsp?did=5874)

**01-JUL-2017** : Kitaab, Singapore Publishes Literary Selfies edited by Professor A R Kidwai and Dr Sherin Sherwani (about3.jsp?did=5875)

**01-JUL-2017** : Dept of Community Medicine, JNMC organises 'International Yoga Day' celebrations Aligarh, July (about3.jsp?did=5876)

**01-JUL-2017** : Professor Siddiqui to continue as Chairperson, Department of Radiotherapy Aligarh, July 1: Profe (about3.jsp?did=5877)

**29-JUN-2017** : AMU orders employees to have permission from Vice Chancellor before engaging in private trade, NGO (about3.jsp?did=5878)

**29-JUN-2017** : Department of Commerce organizes Lecture on 'World Trade in the view of Law of Sea' Aligarh, June (about3.jsp?did=5879)

**28-JUN-2017** : AMU Vice Chancellor, Professor Tariq Mansoor attends Valedictory Function three-week 'In Service Tea (about3.jsp?did=5880)

**28-JUN-2017** : Professor Saghir Ahmad Ansari appointed as Director, RCA Aligarh, June 28: Professor Saghir Ahmad (about3.jsp?did=5881)

**28-JUN-2017** : Professor S Amjad Ali Rizvi appointed as Secretary, Games Committee and President, Cricket Club (about3.jsp?did=5882)

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**24-JUN-2017** : Dept of Jarahat organises Symposium on 'Recent Advances in the Management of Fungal infection in S (about3.jsp?did=5884)

**24-JUN-2017** : Prof R K Tiwari appointed as Principal, Dental College Aligarh, June 24: Professor R K Tiwari, (about3.jsp?did=5885)

**22-JUN-2017** : Another student of ABK High School tops AMU entrance exam Aligarh, June 22: Adding further to the (about3.jsp?did=5886)

**22-JUN-2017** : Dr Akbar Joseph appointed Assistant Coordinator in Student's Counseling Centre Aligarh, June 22: (about3.jsp?did=5887)

**22-JUN-2017** : Prof Hammad Usmani participate in Interventional Pain Management Course in UK Aligarh, June 22: Pro (about3.jsp?did=5888)

**21-JUN-2017** : AMU celebrates 'International Day of Yoga' with excitement and energy Dept

of Physical Education (about3.jsp?did=5889)

**21-JUN-2017** : AMU secures third rank in India Today University Rankings Aligarh, June 21: The India Today Best (about3.jsp?did=5890)

**20-JUN-2017** : Dept of Physical Education conducts sixth day of Yoga Workshop despite difficult weather Aligarh (about3.jsp?did=5891)

**20-JUN-2017** : Professor Zaheeruddin appointed as Election Officer to conduct elections for Academic Council (about3.jsp?did=5892)

**20-JUN-2017** : Dr Shradhdha Rathi bags another ICMR project Aligarh, June 20: Adding to her achievements, Dr S (about3.jsp?did=5893)

**20-JUN-2017** : Professor Ameer Azam appointed as Member of University Court Aligarh, June 20: Professor Ameer A (about3.jsp?did=5894)

**20-JUN-2017** : University Polytechnic constitutes 'Career Counselling Committee' Aligarh, June 20: The Aligarh (about3.jsp?did=5895)

**19-JUN-2017** : District Admin, Media, Court and EC members attend Iftar hosted by AMU Vice Chancellor Aligarh, (about3.jsp?did=5896)

**19-JUN-2017** : Yoga performed despite heavy rain Aligarh, June 19: During the third-day of the on-going seve (about3.jsp?did=5897)

**19-JUN-2017** : IMA, Aligarh members felicitate Prof Rabbani Aligarh, June 19: The Indian Medical Association ( (about3.jsp?did=5898)

**19-JUN-2017** : Agricultural Microbiology PG students clear ARS NET and GATE exam Aligarh, June 19: Professor I (about3.jsp?did=5899)

**19-JUN-2017** : Aligarh Alumni Association, Washington DC, Sponsors Education Assistance Program (As reported by (about3.jsp?did=5900)

**17-JUN-2017** : AMU VC attends US Embassy Iftar ALIGARH June 17: Aligarh Muslim University Vice Chancellor, Prof. T (about3.jsp?did=5901)

**17-JUN-2017** : AMU school boy shines in XI entrance test ALIGARH June 17: Master Adnan Ahmad, a student of ABK Sch (about3.jsp?did=5902)

**17-JUN-2017** : ENT surgeons successfully perform complex surgery ALIGARH June 17: A team of surgeons from Deapar (about3.jsp?did=5903)

**17-JUN-2017** : Seven Day Workshop on Yoga: Second Day ALIGARH June 17: In line of celebrating International D (about3.jsp?did=5904)

**16-JUN-2017** : Sir Syed Bicentenary Celebration committee meets to discuss developments so far ALIGARH June 16: Th (about3.jsp?did=5905)

**16-JUN-2017** : AMU student to represent Uttar Pradesh Hockey team in IHF tournament Aligarh, June 16: Aligarh (about3.jsp?did=5906)

**16-JUN-2017** : RCA, AMU product qualifies CDS Aligarh, June 16: Mechanical Engineering graduate, Mr Syed Jishan (about3.jsp?did=5907)

**16-JUN-2017** : Jamuna Prasad Raahi fondly remembered in condolence meeting Aligarh, June 16: Jamuna Prasad Ra (about3.jsp?did=5908)

**16-JUN-2017** : Dept of Physical Education starts seven-day Workshop on Yoga Aligarh, June 16: The Department of (about3.jsp?did=5909)

**15-JUN-2017** : Office of the Controller of Examinations and Admissions invites University employees to apply for PG (about3.jsp?did=5910)

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**12-JUN-2017** : Directorate of School Education to conduct Improvement Examination Aligarh, June 12: The Direc (about3.jsp?did=5919)

**10-JUN-2017** : Dr Kharade conferred with 'Young Faculty in Medical Science' award Aligarh, June 10: Dr Pankaj (about3.jsp?did=5920)

**10-JUN-2017** : Dental College organises 'World Environment Day' Celebrations Aligarh, June 10: Dr Ziauddin Ah (about3.jsp?did=5921)

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**09-JUN-2017** : Dr Rizwan Ahmad Khan joins as Chairperson, Department of Paediatrics Surgery Aligarh, June 9: (about3.jsp?did=5923)

**09-JUN-2017** : Professor Asiya Chaudhary presents paper at University of Economics, Prague Aligarh, June 9: Pro (about3.jsp?did=5924)

**09-JUN-2017** : Dental College surgeons successfully remove huge dermoid cyst from patient's neck Aligarh, June (about3.jsp?did=5925)

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**06-JUN-2017** : UGC HRDC observes 'World Environment Day' Aligarh, June 6: The UGC Human Resource Development (about3.jsp?did=5933)

**06-JUN-2017** : Dr Frank F Islam, AMU Alumnus, Philanthropist, Entrepreneur and Civic leader was recently interviewe (about3.jsp?did=5934)

**05-JUN-2017** : AMU Alumnus gives credit to Maulana Azad Library for UPSC success

**05-JUN-2017** : Dr Kafeel appointed as Assistant Member-in-Charge, Dept of Electricity Aligarh, June 5: Dr Moh (about3.jsp?did=5936)

**03-JUN-2017** : JNMC surgeons save 24-year-old with slit throat Aligarh, June 3: A 24-year-old man with more than (about3.jsp?did=5937)

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