

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



## INDIA CONNECTION

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Reception Lunch: Dnyaneshwar Mulay  
Indian Consul General of New York  
Sponsor: Office of International Affairs, OSU  
Faculty Club, Ohio State University, Columbus, OH  
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## India Connection

- For over 20 years, my connection with India was purely scientific collaboration with University of Roorkee, Indian Cultivision Center in Kolkaha, Madras-IIT, University of Delhi, Indian Institute of Astrophysics in Banglore. My networking with other Indian universities and institutes increased considerably after the 2011 international conference on Current Development of Atomic, Molecular and Optical Physics (CDAMOP) held at University of Delhi where I was an invited speaker.

- Since early 2011, I have also been intensely connected with Aligarh Muslim University on several issues, mainly research oriented and introducing a STEM program in Physics.

i) I spent a few days and gave Seminars

ii) Given books for an undergraduate astronomy course

iii) Helped students with physics research problems - regular contact with students and faculty members, which is also maintained with some other Indian universities

- Founded and sponsored physics annual awards: three best teaching awards, two best Ph.D. theses and two Undergraduate students awards

iv) I was a participant of the trilateral project, Aligarh-Bristol-OSU STEM education project, with PI, Dr. Anil K. Pradhan (not funded)

- I am a participant as an Associate Director and Chief Liaison Officer of OSU for the Obama-Singh 21st Century

Knowledge Initiative award for the partnership project between Ohio State University and Aligarh Muslim University on STEM Education and Research under Director: Dr. Anil Pradhan

- This project makes sure of involvement of minorities, particularly of women, such that, equal number of male and female students will be awarded fellowships, and having same number of male and female members in the Steering committee. This is something that I promote for encouraging women to science profession and I have such a network of women in science which includes members from India

- I would mention another aspect. It is very costly to be a member of American Physical Society, APS, a most prestigious society with considerable benefits for scientists. It has very poor representation by Indian physicists. In an effort to bring these physicists to APS, I worked on a proposal for free or discount membership for about two years as an elected member of the Executive Committee of Forum of International Physics and announced it at CDAMOP conference. Finally with the approval of APS membership director, Dr. Amy Flatten, I have been able to bring many Indian physicists to APS at free membership. The APS membership enrollment is still going on