



United States-India Educational Foundation, Chennai  
and  
Anna University, Chennai

invite you to a workshop on  
**Designing Active Learning Classroom (ALC) for STEMM: A bridge between teaching and learning**

by  
Dr Rekha Srinivasan  
Senior Instructor, Department of Chemistry, Case Western Reserve University, Cleveland, OH  
2019-20 Fulbright-Nehru Academic and Professional Excellence Scholar to India

on  
**Tuesday, November 19, 2019 from 9.30 a.m. to 4 p.m.**

at  
**Henry Maudslay Hall  
Department of Mechanical Engineering  
College of Engineering - Guindy Campus  
Anna University  
Chennai 600 025**

**About the workshop:**

The participants will be introduced to learning theory, reflect on their teaching style and identify appropriate teaching/assessing techniques for their courses through group discussions and role plays. At the end of the workshop faculty can expect to:

- distinguish between active learning and passive learning
- create a plan for integrating active learning strategies in the classroom
- use some common and simple active learning strategies in classroom teaching and
- draw upon some instructional technologies to support the use of active learning

**Participants:**

The workshop is meant for early-career faculty handling Science, Technology, Engineering, Mathematics and Medicine (STEMM) disciplines at the undergraduate level. Entry is restricted to one or two participants per institution.

**How to register:**

There is no fee for the workshop, however, prior registration is required. Please register by Friday, November 8, 2019 at <http://bit.ly/3603wBy>. The workshop will be limited to 30 participants on a first-come basis. Please

register only if you are sure of attending the workshop. Please note that we will not bear any travel expenses for attending the workshop.

If you have any questions, please email: [lalitha@usief.org.in](mailto:lalitha@usief.org.in) or call 044-28574275 between 9.30 a.m. and 4.30 p.m. on a weekday.

### **Profile of Dr Rekha Srinivasan**

Dr. Rekha Srinivasan is the James S. Swinehart Professorial Teaching Fellow and Senior Instructor in the Department of Chemistry at Case Western Reserve University (CWRU), Cleveland, OH. She obtained her PhD from CWRU with research focused on biophysical properties of amyloid peptides. Her postdoctoral work in the Department of Biomedical Engineering at CWRU involved the design and synthesis of peptide-decorated drug delivery devices for cardiovascular applications. Dr. Srinivasan has distinguished herself as an outstanding educator and mentor. She has received numerous awards for teaching and mentoring, including the Carl F. Witke Award for Outstanding Undergraduate Teaching, Bruce Jackson Award for Outstanding Undergraduate Mentoring, and Women in Science and Engineering Roundtable Advisor of the Year Award for four consecutive years. Dr. Srinivasan's current focus involves designing and implementing video-centric, active learning pedagogy in classrooms. She has obtained grants from the Nord Foundation and the American Chemical Society (ACS) to present her educational research on topics such as student attitudes toward blended instruction in biochemistry, active learning videos in lecture courses, student-derived experimental procedures for organic laboratory, and designing curricula for Seminar Approach to General Education in Sciences at the ACS and American Society of Biochemistry and Molecular Biology national meetings.

Dr. Srinivasan's Fulbright research project identifies current teaching practices and barriers faced for implementing teaching innovation in host institutions. She is then applying a plan-do-check-act (PDCA cycle) philosophy by mentoring host educators to redesign and implement active learning classrooms. She is assessing the effectiveness of novel methods and repeating the cycle to optimize best teaching practices.

### **About USIEF ([www.usief.org.in](http://www.usief.org.in))**

United States – India Educational Foundation (USIEF) was established under the Indo-US agreement on educational exchange in 1950. Both governments recognize the Foundation as an organization created and established to facilitate the administration of the Fulbright program in India. In addition to administering Fulbright-Nehru and other fellowships, we are the official source of information on higher education in the United States. Our student advising centers are unique because they are the only self-help centers which offer affordable authentic information and advice.

