Prof. Cauligi (Raghu) Raghavendra
Vice Dean for Global Engagement

University of Southern California
VITERBI SCHOOL OF ENGINEERING
raghu@usc.edu
viterbi.usc.edu/academics/globalization
VSoE Global Initiatives

- VSoE to have strong branding globally; in India and China
- Global attractor of talent in terms of faculty and students
- Opportunities for collaborative research and education
- Friendraising and fundraising

- We have strong presence in China, India, Korea, Mexico, and other countries
- Advisory Boards for China and East Asia, and India with annual meetings
- Offices in Mumbai, Bangalore in India; Shanghai and Beijing in China
- I-Podia alliance with partner institutions in 10 countries
- USC Has a new Global Engagement with focus on India
VSoE Global Presence

- Establish ties with top institutions around the world
- Particularly in China, India, we have many partner institutions
- Ties in Korea, Singapore, South America, UK, and other countries
- Perception and branding important. Pipeline of quality students
- Annual Board Meetings in India and China
- Support for responding to international collaboration projects
- Connecting with our partner institutions for faculty traveling in other countries
- Work with USC globalization office and our offices abroad
- Global Faculty Outreach program started in Spring 2019
Research collaboration with international partners

- Korea: Airbus, GE, Pratt and Whitney
- Hong Kong: Reducing pollution and improving efficiency of diesel engines – with TCC Foundation
- China: Research projects for US-China collaborations
- Mexico: CONACyT PhD Fellowships; Postdocs program
- India: TCS; IUSSTF AI Initiative
- India: SERB PhD Fellowships; 5 each year for 4 years
Overseas academic collaborations and recruitment of undergraduate and graduate students

- Focused efforts for India and China for academic collaborations
- Expansion of I-Podia to many countries and different courses
- Dual degree programs; online certificates

Collaboration (from student exchange to summer interns to research) with a number of universities

- Viterbi-India Program: 15-20 students completing 3rd year of studies from IITs, BITS, IIITs come to USC each year
- Students from Tsinghua University
- Sister2Sister from Pakistan and KAUST students
- Students from Korea, Mexico
Research and education collaboration between VSoE and the School of Information Science and Technology Tsinghua University

- Funded by common alumnus Feng Deng
- Research Symposia since 2007 to lead to faculty collaboration between the two schools in important research areas.
- Summer internships, both at USC and at THU (typically for undergraduates);
- 8 to 12 students from THU come to USC and 4 to 6 USC students go to THU each summer
- Dual Graduate Degrees, THU MS/PhD students to come to USC for a Master’s degree and vice versa
IUSSTF-Viterbi Program

Research Experience for undergraduate students

- Established in 2010 with support from IUSSTF
- Each summer 15 students completing 3rd year of studies from IITs, BITS, IIITs in EE and CSCI areas come to USC
- Students spend 8 weeks at USC during summer and conduct research with faculty
- Highly selective program with over 400+ students applying for 15 spots each summer
- Initial screening by IUSSTF officers and final selections by USC
Summary

- Establish strong presence and brand globally
- Be a global attractor of top talent to VSoE
- Friendraising and Fundraising globally

http://viterbi.usc.edu/academics/globalization