

PROFESSIONAL EXPERIENCE:

- **TEACHING FELLOW- YALE UNIVERSITY**
Teaching Assistant for the General Chemistry Lab I course for Undergraduate students at Sterling Chemistry Laboratory, Yale University. **Aug 2016-ongoing**
- **MITACS Globalink Research Intern:**
Recipient of the "Mitacs Globalink Internship". Research Project titled "Development of New Viscoelastic Substrates for Cell mechanic studies" for a period of three months at McGill University, Montreal, Canada. **May-Aug 2015**
- **Industrial Internship at ONGC:**
Internship and Project at Oil and Natural Gas Corporation Ltd, Kolkata during the month of December, 2014. Project was on "The Complete Petroleum and Petrochemical processing, and LPG production". **Dec 2014**
- **Summer Internship at IIT MADRAS:**
Summer internship at Indian Institute of Technology, Madras for a period of 8 weeks (summer 2014) in the project titled "Study of Kramers-Kronig relations in mechanic studies", under the supervision of Dr. Abhijit Deshpande and Dr. Ramanathan. **Jun-Aug 2014**
- **Industrial Internship at ITC, Bhadrachalam:**
Internship at ITC Paper and Boards division, Bhadrachalam. Conducted a project on optimizing broke delivery and water reuse. **Dec 2013**

SKILLS:

- Hands on experience on Rheometer, AFM, UV Spectrometer, Gas Chromatograph, Confocal Microscope, IR Spectroscopy, NMR.
- Software's and Programs- MATLAB, MS EXCEL, COMSOL, RStudio, SAS, C++.
- Titrimetry, Using Instruments for concentration studies such as pH meter, Conductometer, Turbidimeter, DNA Extraction etc.

EXTRA-CURRICULAR ACHIEVEMENTS:

- Recipient of the Mitacs Globalink Scholarship. **2015**
- Conference presentations and publications at AWSEE-SASTRA **2014**
- Theater Club (Lights Out Please) president, winner of Best Actor at Festember, winner at Saarang 2015, Festember 2013, and acted in over 20 plays (public shows) Also lead actor for the International Short and Sweet Theatre Festival. **2012-2016**
- Directed over ten plays. **2012-**
- Part of One of the top three teams in the Search for Innovators of Tamil Nadu (the state) for work related to the Adyar River. **2016**
- Merit Scholarship for academic excellence. **2014-2016**
- Member and Volunteer for the Entrepreneurship Development Cell and Teach for India Initiative. **2013-2016**
- Environmentalist Foundation of India social worker and member. **2014-**
- SSN OPEN (tennis) -2nd Round and part of the Collegiate Tennis Team **2013-2016**
- Performed in over 25 dance shows. **2008-**
- Top 1% in the country in the 12th AISSE Examination, with a centum in Biology. **2012**
- Member of the band Effervescence-lead male singer and part of public shows. **2014-**
- Part of judging panel for several dance and theatre competitions. **2012-**
- SSN Poetry Prize for the original poem "Armageddon". **2012**
- Adjudged one of SSN's best speaker and anchor for several public shows. **2013-2015**
- Avid Rock Climber