## SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN(A), MADURAI 625 002.

One Day International Webinar on

'Inspirations From Nature : Responsive Materials for Modern World'

Date. 3.8.2020

Time: 5 PM To 6 PM

Dr. S. Thayumanavan, Professor of Chemistry, Department of Chemistry, Molecular and Cellular Biology Program, Center for Bioactive Delivery, Institute for Applied Life Sciences, University of Massachusetts, Amherst, MA has delivered lecture on Inspirations from Nature: Responsive Materials for the Modern World.

Nanoassemblies that respond to external stimulus or a combination of stimuli are of great interest, because of their broad applications. The primary challenge concerns two factors: input(stimulus or stimuli) and output(response). The ability to tailor the molecular design to achieve materials that respond to a broad range of inputs, yielding a broad range of outputs has significant implications in a variety of areas.

He has discussed about supramolecular nanoassembled polymers, self assembly behaviour of the polymer, cross linking and nature inspired and need inspired nanoassemblies.

You tube link:

https://youtu.be/A5 MezJ A7o

















