

## Workshop on Biomimicry

**Date:** 16th October'2019 (Wednesday)

**Expected Participants:** President/VP-Innovation, Head-Innovation, Innovation Managers, Process Chemists, Design team, etc.

**Expected No. of Participants:** 50+

- Objectives:**
1. To introduce the basic concept, fundamentals and potential applications of Biomimicry.
  2. To learn how Nature does chemistry and the possibility of solving our challenges using Nature's principles.
  3. Case Studies on Green Chemistry solutions through Biomimicry.
  4. To share the Biomimicry methodology and how it can be used to innovate products & processes.

Timing	Speaker, Designation, Company	Topics	Context & Content/Comments
9:00 am - 9:30 am	Green ChemisTree Foundation Representatives	Welcome, Acknowledgement, Prayer, Creating Context for IGCW2019	
9:30 am - 10:00 am	Welcome Address by Chief Guest	Welcome, Launching IGCW App	
10:00 am - 10:45 am	Prof. Paul Anastas, Director, Centre for Green Chemistry & Green Engineering at Yale, USA Dr. John Warner, President & CTO, Warner Babcock Institute of Green Chemistry, USA	Day I Inaugural Keynote Address (Main Auditorium): <b>Green Chemistry and The Future</b>	
10:45 am - 11:30 am	<b>Tea/Coffee Networking Break, Visiting IGCW Expo. After break, move to Seminar Halls for parallel sessions.</b>		
11:30 am - 11:40 am	Welcome by Prof. Bapat, Industrial Design Centre, IIT-Bombay		
11:40 am - 12:30 pm	Dr. John Warner, Co-Founder & CTO, Warner Babcock Institute of Green Chemistry, USA	Nature's Molecular Mechanisms of the Circular Economy	
12:30 pm - 1:30 pm	Mr. Mark Dorfman, Sr. Principal & Lead Chemist, Biomimicry 3.8, USA	Roles and Key Features of Chemistry in the Living Natural World	
1:30 pm - 2:30 pm	<b>Lunch Break, Visiting IGCW Expo</b>		
2:30 pm - 3:15 pm	Dr. John Warner	Biomimetic Green Chemistry Success Stories	
3:15 pm - 4:00 pm	Dr. John Warner interviewed by Mr. Mark Dorfman	Overcoming Obstacles to Successful Design and Implementation of Biomimicry Projects	
4:00 pm - 4:30 pm	<b>Tea/Coffee Break, Visiting IGCW Expo</b>		
4:30 pm - 5:00 pm	Mr. R.N. Mohanty, President, Pidilite Industries Limited	Biomimetic Adhesives and an Indian Perspective on Biomimicry	

<b>5:00 pm - 5:30 pm</b>	Mr. Mark Dorfman	The Biomimicry Methodology	
<b>5:30 pm - 5:45 pm</b>	Mr. Mark Dorfman and Prof. Bapat	Closing Remarks	
<b>5:45 pm - 6:30 pm</b>	<b>Tea/Coffee Break, Visiting IGCW Expo</b>		
<b>6:30 pm onwards</b>	<b>SERB - IGCW Awards Evening Ceremony, followed by Networking Dinner</b>		

**IIT-B Mentor** Prof. Bapat, Industrial Design Centre, IIT-Bombay

**DAY II, Thursday**

**7:30 am - 8:30 am** **Onsite Exercise:** An opportunity to go out into nature—around the venue—and look at natural world from a functional chemistry perspective.

**(Optional)** Meeting Point :- VMCC Hall- Lobby Ground Floor.