

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 possibility of solving our challenges using the same?
 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)	
10:45 am - 11:30 am	Tea/Coffee Networking Break, Visiting IGCW Expo. After break, move to Seminar Halls for parallel sessions.		
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 - 12:40 pm	Dr. Mark Dorfman, Sr. Principal & Lead Chemist, Biomimicry 3.8, USA	Welcome & Introduction to Workshop	
12:40 pm - 1:30 pm		Role of Chemistry in the living natural world	
1:30 pm - 2:30 pm	Lunch Break, Visiting IGCW Expo		
2:30 pm - 3:15 pm		Biomimetic Green Chemistry Case Studies	
3:15 pm - 4:00 pm		Key Features of Chemistry in the living natural world	
4:00 pm - 4:30 pm	Tea/Coffee Break, Visiting IGCW Expo		
4:30 pm - 5:00 pm		Biomimicry and Biomimicry Methodology	
5:00 pm - 5:30 pm		Guided, real life problem solving using Biomimicry	
5:30 pm - 5:45 pm		Closing Remarks	

5:45 pm - 6:30 pm

Tea/Coffee Break, Visiting IGCW Expo

6:30 pm onwards

SERB - IGCW Awards Evening Ceremony, followed by Networking Dinner

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 new perspective.

(Optional)