



**INTERNATIONAL VIRTUAL CONFERENCE ON  
BIO-INSPIRED DESIGN AND ENGINEERING (BIDE) 2020 27<sup>th</sup> -28<sup>th</sup> JUNE 2020**

**DAY 1- (JUNE 27, 2020)**

**OFFICAL INAUGURATION BIDE 2020 (10:00 am -11:00 am)**

**LECTURE SCHEDULE**

S.No.	Name of the Resource Person	Timing	Title	Contact Details
<b>Session I -11:30 am to 1:00 pm</b>				
1	<b>Prashant Dhawan- Plenary 1</b>	<b>11:30 am 12:10 pm</b>	Biomimicry Awareness	Director and Co-founder Biomimicry India Bangalore, India Prashant.dhawan@gmail.com
<b>Introducing the next speaker of session I</b>				<b>12:10 pm -12:15 pm</b>
2	<b>Dr. Savio Sebastian</b>	<b>12:15 pm- 12:40 pm</b>	Bio-inspired Actuation Mechanisms	Adjunct Faculty, Dept. of Design, IIT Madras email: savio@iitm.ac.in
<b>Important Announcements for the AN session (Session-in-Charges)</b>				<b>12:40 pm- 1:00 pm</b>
<b>Lunch Break 1:00 pm- 2:00 pm</b>				
<b>AFTERNOON SESSION</b>				
<b>Session II – 2:00 pm to 3:00 pm</b>				
3	<b>Nicolay Bogetreva Plenary 2</b>	<b>2:00 pm- 2:35 pm</b>	BioTRIZ and Innovation heuristics)	BioTRIZ, company, UK nikolay@biotriz.com
<b>Introducing the next speaker of session II</b>				<b>2:35 pm– 2:40 pm</b>
4	<b>Dr. Navin</b>	<b>2:40</b>	Painless	Associate Professor, IIT Ropar, 425 (3rd

	<b>Kumar</b>	<b>pm-3:05 pm</b>	Needle Technology	Floor), Mech Engg Dept, Main Campus , Dept. of Mechanical Engineering, email: nkumar@iitrpr.ac.in;
<b>Technical Break</b>			<b>3:05 pm- 3:15 pm</b>	

S.No.	Name of the Resource Person	Timing	Title	Contact Details
<b>Session III – 3:15 pm to 4:15 pm</b>				
5	<b>Dr. Jayachandra Bingi</b>	<b>3:15 pm - 3:40 pm</b>	Bio-inspired mechanism s: Optics and Photonic technology perspective	Asst. Professor, Head BIRD Lab, IIITDM, Kanchipuram, Tamil Nadu bingi@iiitdm.ac.in
<b>Introducing the next speaker of session III</b>			<b>3:40 pm- 3:45 pm</b>	
6	<b>Dr. Aditya Kumar</b>	<b>3:45 pm- 4:10 pm</b>	Bioinspired Nanotribology and interfacial science	Assistant Professor, IIT Dhanbad, Chemical Engineering Department, Sardar Patel Nagar, Dhanbad 826004 India. aditya@iitism.ac.in
<b>Technical Break</b>			<b>4:10 pm- 4:30 pm</b>	
<b>Session IV -4:30 pm to 5:35 pm</b>				
7	<b>Dr. Jayant Khandare</b>	<b>4:30 pm- 5:05 pm</b>	Bioinspired antibody-based Onco-Discover Technology : Lab to Clinic	Actorius Innovations and Research Pvt Ltd., Managing Director and Chief Scientific Officer. 203/6, Powai Lake Heights, A.S.Marg, Rambaug, Powai, Mumbai-400076, email: jayant.khandare@mippune.edu.in, khandarejayant@gmail.com
<b>Introducing the next speaker of session IV</b>			<b>5:05 pm- 5:10 pm</b>	
8	<b>Dr. Bidhan Pramanik</b>	<b>5: 10 pm- 5:35 pm</b>	Mosquito inspired Microneedles and patches	Assistant Professor, Electrical Engineering Department IIT Goa, bidhan@iitgoa.ac.in
<b>Technical Break</b>			<b>5:35 pm – 5:45 pm</b>	
<b>Session V -5:45 pm to 6:45 pm</b>				
9	<b>Dr. Karthik</b>	<b>5:45</b>	Bioinspired	Asst. Professor

	<b>Chandrasekaran</b>	<b>pm-6:10 pm</b>	carbide surfaces for biomedical applications	Science Lab Center Faculty of Science, Naresuan University karthik1125@gmail.com	
	<b>Introducing the next speaker of session V</b>			<b>6:10 pm- 6:15 pm</b>	
<b>10</b>	<b>Dr. Debasish Mishra</b>	<b>6:15 pm-6:40 pm</b>	Biomimetic answer to medical Implant associated anti-microbial resistance	Associate Professor, School of Biosciences and Technology (SBST), VIT, Vellore debasish@vit.ac.in	

### Special sessions

#### DAY 2: JUNE 28, 2020

S.No.	Name of the Resource Person	Timing	Title	Contact Details	
	<b>Session VI -6:30 am to 7:15 am</b>				
<b>11</b>	<b>Dr. Anthony B. Brennan</b> <b>Special Lecture</b>	<b>06:30 am-07:05 am</b>	Sharklet Bioinspired Surfaces: Design, Mechanisms and Efficacy	Department of Materials Science and Engineering, and J. Crayton Pruitt Family Department of Biomedical Engineering, University of Florida, Gainesville, Florida.(email: abrennan@mse.ufl.edu)	