

NITTE-KU Joint Symposium

**March 12(Wed.) ,2025
12:30-16:15(JST)**

**BGIC STEP HALL,
Kanazawa University**

(Zoom with NITTE will be screened)

All Are Welcome

**Prior Registration Recommended
Please bring your student or faculty/staff ID.**



Opening Remarks 12:30~

NITTE	Prof. Niranjan N Chiplunkar, Principal	
KU	Prof. Dr. Takashi Wada, President	BGIC
	Hidetoshi Shibuya, President and CEO, SHIBUYA CORPORATION	BGIC

Session 1 | Mechanical Engineering 12:40~

NITTE	Prof. Srinivas Pai	[Chair]
KU	Prof. Masashi Haruki	
KU	Prof. Masashi Haruki	Improvement of thermal conductivity of polymer based composite materials
NITTE	Prof. Muralidhara	Design, Development and Validation of Pneumatically Actuated Inchworm Robot
KU	Prof. Sharma Rajesh Kumar	Sustainable recycling of metal-polymer composites using foaming technology
NITTE	Dr. Vijeesh V	4D Printing of Temperature Stimuli Smart Materials For Bio Medical Applications

Session 2 | Information Engineering 13:40~

NITTE	Prof. Shashank S Shetty	[Chair]
KU	Prof. Kousuke Imamura	
KU	Prof. Kousuke Imamura	A watermarked image search using compressed representation
NITTE	Prof. Mamatha B	Smart Bus Overload Detection System
KU	Prof. Yuki Todo	BGIC Neuron and Neuron Model
NITTE	Prof. Sharada U Shenoy	Cultural Etiquette Chatbot: Bridging India and Japan

Break (14:40-15:00)

Session 3 | Biological Science 15:00~

NITTE	Prof. Vidya S	[Chair]
KU	Prof. Azuma Taoka	
KU	Prof. Azuma Taoka	Exploring the molecular mechanisms for magnetic organelle formation in magnetotactic bacteria
NITTE	Prof. Ujwal	Extraction, Synthesis And Characterization of Soy-Oil Based Algal Ink
KU	Prof. Hiroyasu Kamei	BGIC Latent abilities for growth and survival in a tiny fish under environmental oxygen fluctuation
NITTE	Prof. Venkatesh Kamath	Synergistic Impact of Light And Chromium or Nickel Salts on Biomass Production and Biochemical Composition of Spirulina Platensis

Closing Remarks 16:00~

NITTE	Prof. Niranjan N Chiplunkar, Principal	
KU	Prof. Akiharu Morimoto, Trustee	BGIC