



**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY (A)**

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COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION

43
years

Mechanical Engineering Department in Association with IIC-CBIT Presents

A Webinar on "POLYGENERATION"

AN INNOVATIVE METHOD FOR ENERGY AND POWER GENERATION

Date:

13th November 2021

Time:

10:00AM

NO REGISTRATION FEE

Registration Link:

<https://forms.gle/HSEr2bSvGzzU6hQg9>

Event Coordinators:

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Dr Tangellapalli Srinivas will speak about Polygeneration which is an energy-efficient technology and need of hour for generating simultaneously heat and power as well as other energy products in a single integrated process. Energy efficiency contributes significantly to CO₂ emission reduction.

About the Speaker

Dr. Tangellapalli Srinivas is an Associate Professor in the Department of Mechanical Engineering at Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, Punjab, India. He previously worked as a professor at the CO₂ Research and Green Technologies Centre of the School of Mechanical Engineering at Vellore Institute of Technology, Vellore, Tamil Nadu. He received his Ph.D from JNTU College of Engineering, Hyderabad, Telangana in 2008 and was a postdoctoral fellow at the University of Ontario Institute of Technology (UOIT), Canada during 2010 and 2013. He has completed various research projects funded by CSIR, SERB, SERB (IMPRINT) and DST. He has one copyright to his credit and registered 5 patents. He has authored 4 full books (titles: Thermal Polygeneration, Flexible Kalina Cycle Systems, Thermal Cycles of Heat Recovery Power Plants, and Desalination and Cooling Integration) 12 book chapters, 125 journal publications, and 85 conference proceedings. His current areas of research are solar thermal energy and poly-generation. He has delivered 60 invited lectures and has supervised 5 Ph D students, 37 M Tech thesis and 40 UG projects. He also has industrial experience of 3 years and 9 months in a machine tool company. He serves on the editorial boards of the journals, Recent Innovations in Chemical Engineering and Applied Solar Energy (Springer). Dr. Srinivas has received the best teacher award for teaching excellence at NIT Jalandhar in 2021.

