



## Innovation and Strategic Communication Skills in Digital Era IIT Bhubaneswar

### Overview:

Innovation has become one of the significant factors in today's engineering advancements. Innovation is the key to differentiate a person or technology from others in the competition. It is not only important for us to understand inventions and innovations, but also discover what avenues are available to improve our creative skills. Specifically, in digital environment, there is a lot of scope for innovation. In this workshop, the methodology and ideology behind digital innovation will be discussed with some good examples.

This workshop also aims at enhancing participants' strategic communication and presentation skills by covering major skill areas: planning content, using effective delivery techniques, designing powerful visual aids, and gaining control of external factors that can impact on the presentation process. This is achieved by having the participants prepare and deliver a presentation, evaluate it, and apply new skills and techniques to improve it. By the end of this hands-on program, participants will be able to interact comfortably with an audience and deliver an engaging product demonstration.

Participants will be given inputs on the art of innovation, innovative problem solving skills, and intellectual property analysis for literature review. Participants will know how to gain rapport with an audience, choose a presentation structure and organize information, manage stage fear, leverage body language during a presentation, and present with confidence and professional presence.

Participants will learn to plan well-organized and effective group presentations. The participants will then rehearse and deliver these presentations, both as a means to test their mastery of the planning process, and as an evaluative tool for their creative presentation skills. Participants will practice the skills and explore the processes that will make them better speakers and presenters.

A competition will be held among the participants by dividing into groups or teams where the participants will demonstrate the innovation and communication skills in developing a given conceptual idea. The team which comes with innovative idea and presents their concept well will be selected as winners.

### About Trainers:

**Dr. Balakrishna Pamulaparthi** is an assistant professor in the School of Electrical Sciences, Indian Institute of Technology Bhubaneswar. His research interests include Smart Grid, Substation/Distribution Automation, Grid Monitoring & Data analytics, Transformer/Motor Asset Management, DMS, SCADA and AMI. He received his M.Tech and PhD degrees in Electrical Engineering from Indian Institute of Technology, Madras in 2008 and 2016 respectively. He worked as Lead Application Engineer (R&D) at GENERAL ELECTRIC (GE) Grid Solutions, Hyderabad Technology Center, India in the area of Smart Grid from June 2008 to December 2017. He holds 17 US patents to his credit out of which 8 are granted till date along with reputed publications in various international journals/conferences. He is the recipient of several global awards including Inventor of the Year Award in 2010, GE Silver Award for 10+ Patents, Prestigious Ramanujan Young Achiever Award in 2011, Imagination and Courage Award in 2012, Energy Management Innovation Excellence Award in 2014 and Empower and Inspire Global Award in 2015. He has undergone training on Innovation skills from CII India and GE Croton Ville.



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**Dr. RajakumarGuduru** is an assistant professor of English in the School of Humanities, Social Sciences and Management, IIT Bhubaneswar. His research interests are Developing Critical Vocabulary of ESL Learners; Cognitive Reading Skills; Second Language Acquisition; Teacher Education and Development; Communication Skills; Technology and Language Learning. He has obtained M.A. in Teaching English as Second Language (TESL), M.Phil in English Language Teaching (ELT) and Ph.D in English Language Teaching (ELT) from the English and Foreign Languages University (EFLU), Hyderabad. He worked as guest-faculty of English at the CELS, Central University of Hyderabad, and as assistant professor of English at National Institute of Technology, Warangal (NITW), and University of Bisha (UB), Kingdom of Saudi Arabia. He has published and presented papers at national and international conferences.

### Benefits

- Participation Certificate from Wissenaire And IIT Bhubaneswar.

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