







Report on Design Engineering Expert Talk

19th June, 2021

Organized by

ISA STUDENT SECTION
INSTRUMENTATION AND CONTROL
ENGINEERING DEPARTMENT,
L.D COLLEGE OF ENGINEERING

During this online education impartation, students had less interaction with the seniors and their other mentors, many pre final year students were confused about their Design Engineering subject. Targeting to solve their questions and doubts related to Design engineering and to make them aware of Design engineering related sheet and Project of B.E. Sem 5th students LDCE with the Department of Instrumentation and Control, L.D. College of Engineering along with SSIP (student startup and Innovation Policy of Govt. of Gujarat) had organized an Interactive expert talked on "Design engineering" on Microsoft Teams platform on the date of 19 June 2021.

More than 60 students of pre final year from the Instrumentation and control department had taken the main benefit of this expert talk by clarifying their doubts and interacting with the expert.

The expert talk was conducted by Prof. N. D. Mehta, He as an Assistant Professor in Power Electronics Department VGEC, Chnadkheda. He has more than 12 years' experience in Power electronics field. He has having very good experience about Design Engineering Philosophy. He received the B.E (Power Electronics) form L.E. Collage, Morbi in 2000, and M. Tech in Electrical (Power Apparatus and Systems) from Nirma University, Ahmedabad in 2008 with Gold Medal for Best Student in Electrical Engineering for the year 2008.

Expert talk started by Prof. Chandni V. Shah, Assistant Professor (I.C. Department) L.D. College of Engineering with a Welcoming Message for all the attendees followed by brief Introduction about the expert and him past professional experience. Along with that, ISA faculty advisor, and head of the department *Dr. Manish T. Thakker* to address the students and gave brief idea about Design Engineering subject and usefulness of DE in innovative projects under SSIP.

Then Prof. N. D. Mehta started the session by sharing him professional and personal experience as a Power Electronics engineer, further he guided the students with how to identify and nurture innovative project: Design Engineering Tool for innovation, Observation, Empathy Canvas, Mind mapping, Ideation Canvas, Product development canvas, Learning needs matrix, Prior art search and discussed about problems in current scenario with block diagram, implementation, prototype and customer review. End of session was open for the live Q&A in which students had interacted with the expert about their queries related to Design Engineering.

The session concluded with vote of thanks by Prof.C.V.Shah. The entire session is available online on **Useful link:** https://youtu.be/NLLZNRcXUOc and answering all the queries.

Glimpse of Expert Session:-





















