

**International Tutorials and Invited Talks by Prof. S. V. Kulkarni, EE Dept, IIT Bombay**

Sr. No.	Title of talk/ tutorial	Dates	Remarks
1	a. Keynote speech on “Magnetics for Power Electronics” b. Tutorial on “Insights into the Design of Transformers”	4 <sup>th</sup> November 2024  5 <sup>th</sup> November 2024	POWERCON Conference in Kathmandu, Nepal
2	Transformer Design Principles and Advanced FEM Analysis	Tuesday 24 <sup>th</sup> of November 2020, 13:00-16:00 CET  Wednesday 25 <sup>th</sup> of November 2020, 13:00-16:00 CET	<a href="#">IEEE Distinguished Lecturers Program (DLP) Lecture</a> , organized by The Norwegian Chapter and the Benelux Joint Chapter of the IEEE Power & Energy Society, the Dept. Electric Power Engineering at NTNU, the Dept. Electrical Sustainable Energy at TU Delft (held online)
3	Emerging Power Systems	23 <sup>rd</sup> December 2019	Seminar organized by Institution of Engineers (India), Bahrain Chapter held at Ramada Hotel, Adlia
4	Latest Trends/Advances in Transformer Design	20 <sup>th</sup> November 2019	Invited tutorial at <a href="#">International Tutorials &amp; Colloquium on Latest Trends &amp; Innovations in Power Transformers &amp; Reactors</a> held in New Delhi, India
5	Application and Design of Magnetic Devices for High-Frequency Power Electronics Circuits	9 <sup>th</sup> August 2019	Clemson University, USA
6	Transformer Engineering for Emerging Power Systems	7-9 October 2019	Invited lecture at Advanced Research Workshop on Transformers <a href="#">ARWtr 2019</a> , Cordoba, Spain
7	Design of Magnetic Components for Power Electronic Applications	15 <sup>th</sup> October 2018	University of Wollongong, Australia
8	Summary of R&D Activities in Transformers	18 <sup>th</sup> October 2018	Wilson Transformers, Melbourne, Australia

9	Basics of Electromagnetic Radiations and Antennas	19 <sup>th</sup> October 2018	Monash University, Australia
10	Modeling of Magnetic Characteristics Including Hysteresis Effects for Transformers	16 <sup>th</sup> October 2014	Invited talk at 3rd International Colloquium: Transformer Research and Asset Management Split, Croatia, October 15 – 17, 2014
11	Transformer Engineering Challenges and Trends	5 <sup>th</sup> June 2012	Invited talk at a workshop on transformers organized by ABB, Sweden and KTH Royal Institute of Technology, Stockholm
12	Three invited talks: 1. Emerging technology trends in transformers 2. Advanced electromagnetic field computations in transformers 3. Short circuit stresses and strength	8 <sup>th</sup> October 2010	ABB Corporate Research Center, Vasteras, Sweden
13	Finite Element Method: Applications to Design and Analysis of Power Transformers	6 <sup>th</sup> October 2010	Invited tutorial at Advanced Research Workshop on Transformers <a href="#">ARWtr 2010</a> , Santiago de Compostela, Spain
14	Application of FEM for Electromagnetic Analysis in Power Transformers	18-19 January 2010	Invited tutorial at International Conference on Transformers TRAFOTECH held in Mumbai
15	Applications of Coupled Field Computations for Analysis of Complex Phenomena in Transformers	31 <sup>st</sup> October 2007	A keynote lecture at Advanced Research Workshop on Transformers ARWtr 2007, Baiona, Spain
16	Research activities in the area of transformers, computational electromagnetics and insulation diagnostics	6 <sup>th</sup> July 2007	Invited talk at the Ecole Supérieure D'Electricite, Paris
17	Condition Monitoring and Diagnostics of Power Transformers	22 <sup>nd</sup> June 2007	Invited talk at Tennessee Tech University, USA
18	Challenges and strategies in transformer design	28-30 October 2004	Invited talk at Advanced Research Workshop on Modern Transformers ARWtr 2004, Vigo, Spain

19	Design, Manufacturing and Maintenance of Transformers	28-29 July 2004	Delivered 4 lectures at Instituto Tecnológico Superior de Zapopan, Mexico
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