



**Teacher Development Programme on
Inspired Teaching of Electromagnetics**

Organized by
IEEE Antennas and Propagation Society, Madras Chapter
in association with
Department of ECE, SSN College of Engineering, Kalavakkam 603 110
Friday, October 18, 2019

Objectives

In the context of electromagnetic theory/physics, the participating teachers can expect to gain

- insightful perspectives;
- some interesting inputs for using in class to possibly make them more interesting.

Target participants

- Electrical/electronic engineering faculty in colleges and higher secondary physics teachers
- Teachers having interest in electromagnetic theory and related topics

Venue: Central Seminar Hall, SSN college of Engineering, Kalavakkam (Near Chennai)

Program Schedule

08.15 am – 09.00 am	Registration
09.05 am – 09.15 am	Welcome and introduction
09.15 am – 09.35 am	Inaugural talk: Dr. T. V. Somanathan, Additional Chief Secretary, Government of Tamil Nadu
09.35 am – 10.05 am	"Role of electromagnetics in the classroom" by Professor S.C. Sahasrabudhe, Former Deputy Director, IIT Bombay
10.05 am – 10.50 am	"Excitement of electromagnetics" by Professor R. K. Shevgaonkar, Vice Chancellor, Bennett University, Noida
10.50 am – 11.15 am	Coffee
11.15 am – 12.00 pm	"Insights into Maxwell's equations" by Professor S. V. Kulkarni, IIT Bombay
12.00 pm – 12.30 pm	"A story of Maxwell's displacement current" by Professor Krishnasamy T. Selvan, SSN College of Engineering
12.30 pm – 01.30 pm	Lunch
01.30 pm – 02.15 pm	"An insight into electromagnetic polarization" by Dr. Basudeb Ghosh, IIST Trivandrum
02.15 pm – 03.00 pm	"Experiments in electromagnetics teaching" by Dr. Uday Khankojee, IIT Madras
03.00 pm – 03.15 pm	Participant Feedback; Concluding comments by Dr. S. Joseph Gladwin, Secretary, IEEE AP-S Madras Chapter
03.15 pm – 03.30 pm	Tea



Registration information

Registration is welcome from interested electrical and electronic engineering teachers in colleges, and physics teachers in schools and colleges.

The registration fee, inclusive of GST, is Rs. 1000.

Steps to register:

1. On-line transfer the (non-refundable) fee applicable to you:
Name: The Principal, SSN College of Engineering
Account Number: 158100050100023
Bank: Tamilnadu Mercantile Bank, Thiruvananthapuram branch
IFSC: TMBL0000158
2. Please complete the online registration form at:
<https://forms.gle/5PheaWVPCKkxvFmz6>

Last date for online registration: **Monday, October 14, 2019**

For any queries, please contact:

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