



Dr. Ambedkar Institute of Technology
(An Autonomous Institute, Affiliated to VTU, Mallathalli, Bengaluru-56)

Department of Electricals and Electronics Engineering

Date: 10-10-2025

Report of Technical talk on Smart Grid Technology

Department of Electricals and Electronics Engineering had organized a technical talk on “**Overview of Smart Grid Technology**” by Dr. Umavathi.M, , and Associate professor- Department of EEE in B.M.S College of Engineering on 08-10-2025 from 11:00 am to 01:00pm. at A-406. The highlights of the talk were as follows:

The primary objective of the event was to expose the students to the transition from the conventional power systems to smart grids. To provide them with an idea about the growing demand, the increasing share of distributed renewable energy resources and the need for higher reliability, efficiency.

The session aimed to build and enhance the technical outcomes such as:

- Understanding foundational concepts
- Technical literacy in components
- Modelling and simulation skills
- Integration of renewable energy
- Analysis of practical challenges

The speaker was very well versed in this branch and contributed a lot to the field of research. She explained us about the importance and how useful the smart grid technology is, how it is implemented, the technology used in it. It was a very detailed explanation about the new technology within the given span of time.

The students were greatly benefited from this technical talk. It not only provided them with essential knowledge but also encouraged them to explore emerging technologies. The enthusiasm and active participation of the attendees reflected the growing interest in this new technology.

Session was well received and appreciated by all participants. The No. Of participants attended the technical talk was 77 students.



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 A213 Ambedkar Institute Of Technology, 2 Stage, Naagarabhaavi,
 Bengaluru, Karnataka 560056, India
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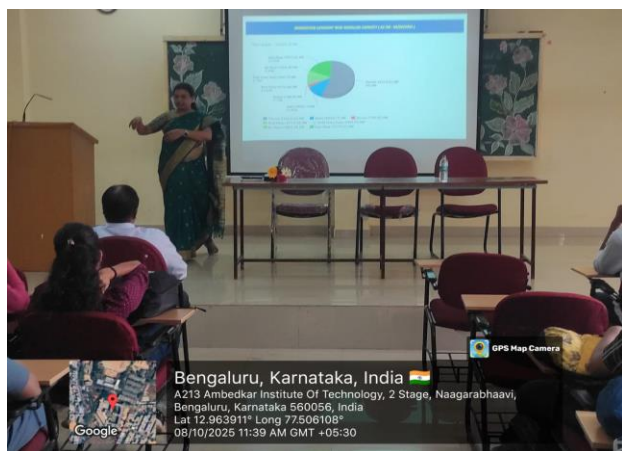
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Dr. Ambedkar Institute of Technology
(An Autonomous Institute, Affiliated to VTU, Mallathalli, Bengaluru-56)

To,
The Principal
Dr.AIT, Bengaluru-56

18.09.2025

Through,
The HOD
Dept. of EEE

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* Outcom
* Brey Dore

Respected Sir

Subject: Requisition to get permission to organize a talk on "Overview of Smart Grid Technologies" on Wednesday 8th October 2025

With reference to above cited subject, we hereby request your kind permission to organize a talk on "Overview of Smart Grid Technologies" on Wednesday 8th October 2025 in the Seminar hall (A-217) from 11:00a.m to 1.00p.m under **Indian Society for Technical Education (ISTE)**. In this regard we kindly seek financial support through ISTE. The splitup for the technical talk is as follows.

Sl.No.	Particulars	Amount
01	Honorarium to the Speaker	Rs.3500/-
02	Flower Bouquet	Rs. 200/-
03	Tea, Biscuits to the Speaker and students	Rs. 300/-
Total		Rs.4000/-

Thanking You

Yours Sincerely

Dr.Umadevi.D, Asst. Prof, Dept. of EEE:

Dr.Arptha Raju, Assoc. Prof, Dept. of EEE:

Enclosures

1) Speaker Profile

permitted
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18.9.25

w/c to Principal
Recommended for kindap
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