

## Events/Activities

### Guest Lecture Organized in the department 2021-22

S. No.	Name and affiliation of the expert/speaker	Guest Lecture Topic	Date	Benefitted Students
1	Mr. Pankaj Garg, Engineers Academy	Road to Government Jobs For Engineering Students.	03/09/2021	V and VII Sem.
2	Mr. Aashish Gaidhane, Graduate from VNIT, Nagpur	All About CAT	18/12/2021	III Sem
3	Mr. Hitesh Dewani, Director HR Mentors	Interview & Inter-Personal Skills Training	06/01/2022	VI, VIII Sem B.E. and II Sem M.Tech (PEPS)
4	Dr. Yogesh Hote, Professor of Electrical Engineering, IIT Roorkee	Stability Analysis of drive systems consisting of motor, converters and sources	08/01/2022	Ph.D. Scholar, M.Tech I & III Sem, VIII-sem students and Faculty
5	Department of Electrical Engineering and Vipassana Research Institute (VRI)	Introduction to Anapana Meditation	24/01/2022	III Sem B.E.
6	Mr. Sachin Mankawade, Director, Engineers Academy	Career Options After Engineering”	18/02/2022	VI Sem
7	Mr. Ashish Gaidhane, Trainer calibers Nova	All About CAT	11/03/2022	VI Sem

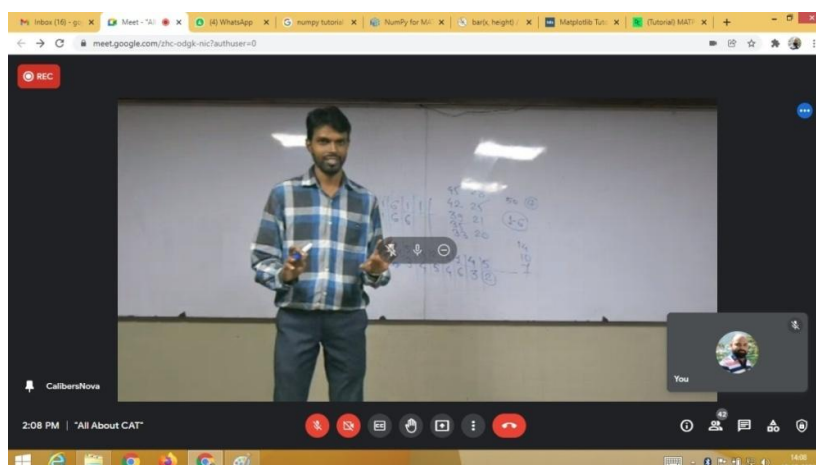
8	Dr. Himanshu Bahirat, IIT Bombay	Modeling of MMC HVDC Converter and decoupling control	09/04/2022	IV,VI & VIII Sem
9	Ms. Vinisha Chaudhary, Alumni 2020 Batch (Currently at IIM Udaipur)	Guidance Session on CAT	26/04/2022	IV Sem

### Glimpses of Guest Lectures

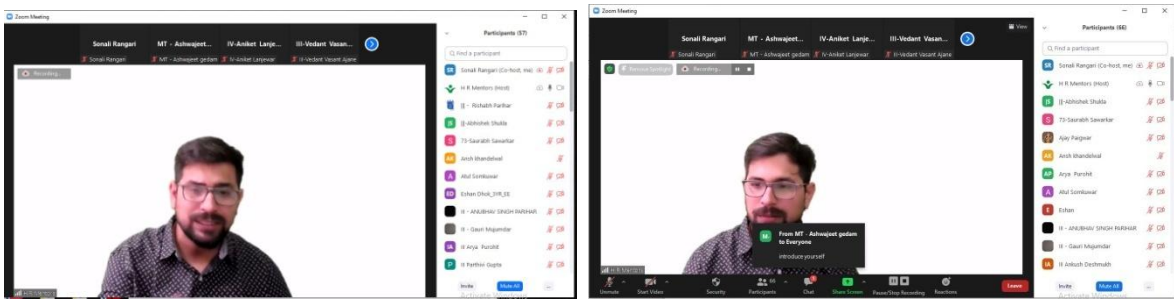
#### 1.Topic: Road to Government Jobs for Engineering Students



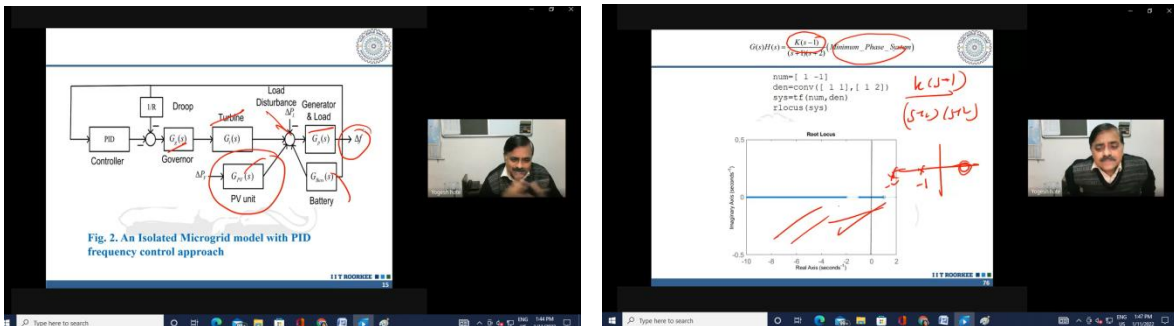
#### 2. Topic: All About CAT



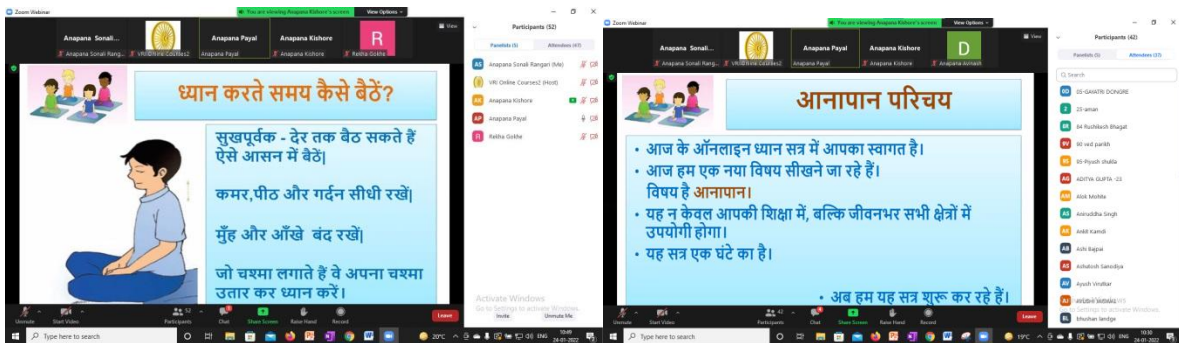
### 3. Topic: Interview & Inter Personal Skills Training”



### 4. Topic: Stability Analysis of drive systems consisting of motor, converters and sources.”



### 5. Topic: Introduction to Anapana Meditation



### 6. Topic: Career Options After Engineering



## 7. Topic: All About CAT: A Guidance Session



## 8. 4. Topic: Modeling of MMC HVDC Converter and decoupling control

A Guest Lecture on “Modeling of MMC HVDC Converter and decoupling control” was organized on Saturday, 9<sup>th</sup> April 2022. Dr. Himanshu Bhairat, Associate Professor of Electrical Engineering, IIT Bombay was the guest speaker. He covered various specialized topics like renewable energy resources, offshore wind energy, circuit breaker, VSC and HVDC grid, effects of homopolar magnetic fields on low current DC vacuum arcs, operation of DC series-parallel connected offshore wind.

The guest lecture was arranged for Ph.D. Scholars, M.Tech (PEPS) students, B.E.(EE) VIII-Sem students and faculty. More than 40 students were benefitted. The guest lecture was organized by Dr. M. V. Palandurkar.

## 9. Topic: Guidance Session on CAT



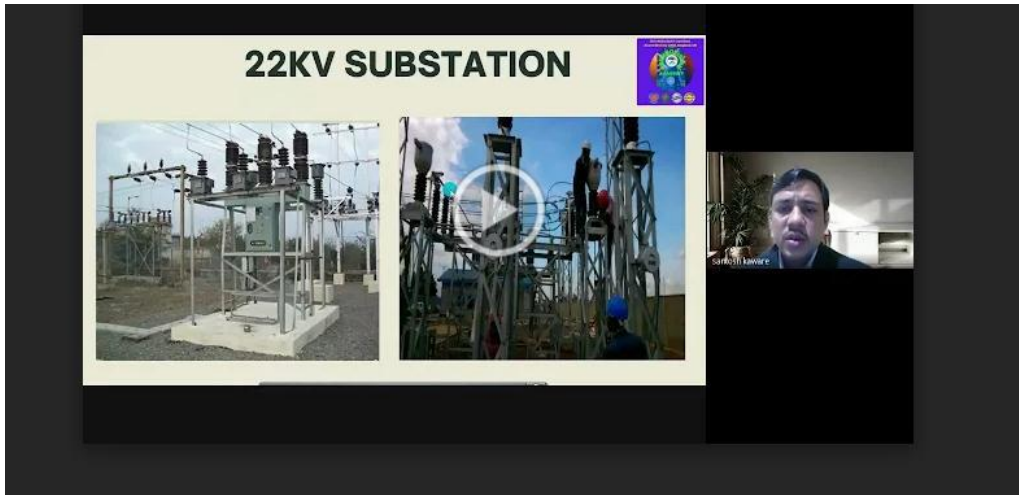
## Co-teaching by industry expert in the department 2021-22

S.No.	Name of Expert with Designation and Company name conducting the Course	Course Name	Benefited Students	Date	No. of Contact Hours
01	Mr. Santosh Kaware, Additional Executive Engineer (Operation) (MSLDC), MSETCL, Airoli, Navi Mumbai.	<b>Course:</b> H V Engineering <b>Topic:</b> High Voltage Testing of Electrical Apparatus	VII Sem B.E.	18 <sup>th</sup> September 2021	2 Hrs.
02	Mr. Karthik P.U., Manager (Electrical) GAIL(India) Ltd.	<b>Course:</b> Power System-I, <b>Topic:</b> Real and Reactive Power Control in Power System.	V Sem B. E	25 <sup>th</sup> September 2021	2 Hrs.
03	Dr. Anil B. Onkar Executive Engineer (Retd in Aug 2021),Koradi Training Centre, KTPS, Nagpur	<b>Course:</b> Electrical Machines-II, <b>Topic:</b> Construction, Operation and Maintenance in Thermal Power Plant, Capability curves.	V Sem B. E. and II MTech (PEPS)	9 <sup>th</sup> October 2021	2.5 hrs
04	Dr. N. D. Ghawghawe Professor, Govt. Engg. College, Nagpur	<b>Course:</b> Power System II <b>Topic:</b> Power System deregulation and electricity markets	VI Sem B.E.	17 <sup>th</sup> March 2022	2 Hrs.

### Glimpses of co-teaching and video link

1.Course: High Voltage Engineering

<https://drive.google.com/file/d/1bcJ0CJOJeuAgm-B5dbdPTVFvN93IgNR3/view>



## 2. Course: Power System-I

## 3. Course: Electrical Machines-II

### Workshop Attended by Faculty

S. No.	Name of the Faculty	Conference / STTP / Workshop/ Seminar	Date / Duration	Organized by
1	Dr. P. V. Kapoor	Universal Human Values	28 June 2021 to 2 July 2021	All India Council for Technical education (AICTE)
2	Dr. S. C. Rangari	Universal Human Values	28 June 2021 to 2 July 2021.	All India Council for Technical education (AICTE)
3	Prof. (Ms.) M. B. Gaikwad	FDP, NPTEL course on Electrical Vehicle and Renewable Energy	July 2021 to October 2021	NPTEL (MHRD), IIT Madras
4	Prof. M. B. Gaikwad	FDP (ATAL Academy) on Electric Vehicle Engineering	25th Oct 2021 to 29th Oct 2021	National Institute of Technical Teachers Training and Research
5	Dr. M V Palandurkar	FDP (Power System Protection)	July 2021 to October 2021	NPTEL (MHRD), IIT Kharagpur
6	Dr P. V. Kapoor	NPTEL FDP Psychology for Everybody	Aug2021 -Sep 2021	NPTEL (MHRD) IIT Madras
7	Dr S. C. Rangari	NPTEL FDP Psychology for Everybody	Aug2021 -Sep 2021	NPTEL (MHRD) IIT Madras
8	Prof. (Ms.) M. B. Gaikwad	ATAL FDP on Electric Charging Station for Vehicles.	21 Feb 2022 to 25 Feb 2022	Government Engineering College, Trissur

9	Dr. G. N. Goyal	One week STTP on Outcome Based Assessment	31 Jan 2022 to 04 Feb 2022	NITTTR Bhopal
10	Dr. G. N. Goyal	NPTEL FDP on Electric Vehicles-Part 1	Feb-Mar 2022 (4-week course)	NPTEL IIT Madras
11	Dr. G. N. Goyal	NPTEL FDP on The Joy of Computing using Python	Jan-Apr 2022 (12-week course)	NPTEL IIT Madras
12	Prof. (Ms.) M. B. Gaikwad	NPTEL FDP on Electric Vehicles-Part 1	Feb-Mar 2022 (4-week course)	NPTEL IIT Madras
13	Dr P A Salodkar	NPTEL FDP on Outcome Based Pedagogic Principles for Effective Teaching.	Feb 2022 to Mar 2022 (4-week course)	IIT Kharagpur
14	Dr P. V. Kapoor	NPTEL FDP on Outcome Based Pedagogic Principles for Effective Teaching.	Feb 2022 to Mar 2022 (4-week course)	IIT Kharagpur
15	Dr P. V. Kapoor	NPTEL FDP on NBA Accreditation and Teaching and Learning in Engineering (NATE).	Jan 2022 to Apr 2022 (12-week course)	NPTEL IISc Bangalore
16	Dr S. H. Deshmukh	NPTEL FDP on NBA Accreditation and Teaching and Learning in Engineering (NATE).	Jan 2022 to Apr 2022 (12-week course)	NPTEL IISc Bangalore
17	Dr V. A. Huchche	NPTEL FDP on NBA Accreditation and Teaching and Learning in Engineering (NATE).	Jan 2022 to Apr 2022(12-week course)	NPTEL IISc Bangalore



**Faculty Interactions with External World**  
**Invited Talks/ Lectures Delivered outside the Institute**

<b>S. No</b>	<b>Date</b>	<b>Name of the Faculty</b>	<b>Invited By Institute/Place</b>	<b>Nature (General/ Technical)</b>	<b>Topic</b>
1	10/09/2021	Dr G. N. Goyal	One Week Faculty Development Program (FDP) on "AI & IOT Applications in Energy Sector" organized by the Electrical & Electronics Department, LNCT GROUP, Bhopal under AICTE Teaching and Learning (ATAL) Academy	Technical	AI & IOT in Electric Vehicles- An Overview

**Glimpses of Industrial Visit to Kharperkheda Thermal Power Plant for third year students on 24th March 2022.**

