

A.Y. 2022-23

S. No	Date	Name and affiliation of the expert/speaker	Topic	Semester	No. of Students Attended
1	21st July 2022	Mr. Allan Abraham, Corporate Relationship Officer CDPC RCOEM	Resume Building and Resume writing	VII Sem	48
2	1 st Sept 2022	Mr S. N. Pande, Former GM (E & M)/HoD WCL Limited Civil Lines,Nagpur	Scope and Role of Electricity in Coal Mine Industry	V Sem	55
3	8 st Sept 2022	Dr. Himanshu J. Bahirat, Dept. of Electrical Engineering, IIT Powai	Control and Operation of MMC Voltage Source Converters for HVDC Application	V Sem B. Tech, VII Sem B.E.(EE) and II Sem M. Tech (PEPS)	55
4	15 October 2022	Mr. Hitesh Harkare and Mr. Chinmay Harkare (PG-2015 batch) Director and Heads of the technical and design engineering at Techno deal	Opportunities for Electrical graduates in core Industry	V Sem B. Tech & VII Sem B.E.(EE)	60
5	12 Novembe r 2022	Mr. Jugesh Bansal (2012 batch)	Role of Electrical Engineer Graduate in Modern Industry	III Sem, V Sem B. Tech & VII Sem B.E	
6	14 th February 2023	Mr. Nirman Shringhey	English Proficiency	VI Sem B. Tech and I Sem M. Tech	46
7	20 th April 2023	Dr. Yogesh Hote, Associate Professor in Electrical Engineering,	Model Order Reduction Techniques: Fundamental Studies,	IV, VI Sem	115

		IIT Roorkee	Applications and Challenges		
8	19th June 2023	Mr. Rajneesh Ojha, Manufacturing Digital Transformation Consultant Thoucentric, Bengaluru, Karnataka	Introduction to Industry 4.0 and Career Options	IV Sem	55

A.Y. 2021-22

S. No.	Date	Name and affiliation of the expert/speaker	Topic	Semester	No. of Students Attended
1	03/09/2021	Mr. Pankaj Garg, Engineers Academy	Road to Government Jobs for Engineering Students.	V and VII Sem.	78
2	18/12/2021	Mr. Aashish Gaidhane, Graduate from VNIT, Nagpur	All About CAT	III Sem	40
3	06/01/2022	Mr. Hitesh Dewani, Director HR Mentors	Interview & Inter-Personal Skills Training	VI, VIII Sem B.E. and II Sem M. Tech (PEPS)	80
4	08/01/2022	Dr. Yogesh Hote, Professor of Electrical Engineering, IIT Roorkee	Stability Analysis of drive systems consisting of motor, converters and sources	Ph.D. Scholar, M.Tech I & III Sem, VIII-sem students and Faculty	30
5	24/01/2022	Department of Electrical Engineering and Vipassana Research Institute (VRI)	Introduction to Anapana Meditation	III Sem	58
6	18/02/2022	Mr. Sachin Mankawade,	Career Options After Engineering”	VI Sem	62

		Director, Engineers Academy			
7	11/03/2022	Mr. Ashish Gaidhane, Trainer calibers Nova	All About CAT	VI Sem	45
8	09/04/2022	Dr. Bhairat, IIT Bombay	Modeling of MMC HVDC Converter and decoupling control	IV, VI & VIII Sem	40
9	26/04/2022	Ms. Vinisha Chaudhary, Alumni 2020 Batch(Currently at IIM Udaipur)	Guidance Session on CAT	IV Sem	63

A.Y. 2020-21

Sr. No	Date	Name and affiliation of the expert/speaker	Topic	Semester	No. of Students Attended
1	12/08/2020	Mr. Llyod	Webinar on Career Guidance for Competitive Exam Life in PSU	III and V Sem.	80
2	13/10/2020	Mr. Narendra Khobragade MITRA UPAKRAM Distric Level Representer VRI	Webinar on “Path of Joy” Ananpan Meditation.	IIIrd, Vth and VIIth semester	98
3	23 rd March 2021	Mr. Ashish Gaidhane, Calibers Nova	Guest Lecture on “All About CAT”	IInd Year	70
4	23 rd March 2021	Dr. Rajesh Vaidhya, DMT, RCOEM	Guest lecture on “Interview Techniques”	IIIrd Year	70
5	27 th March 2021	Mr. Santosh Gandhi, Gate Academy	Guest lecture on “Gate Awareness Program: Benefits of GATE and Career Opportunities with GATE”	II Year	70
6	30 th March 2021	Dr. RupeshPais, DMT, RCOEM	Guest lecture on “CreaTVT”	III Year	70
7	13 th Jan to 15 th Jan 2021	Dr M. M.Renge, Dr S. B. Bodkhe	Three Day Workshop for supporting staff on” General Awareness of Electrical System and Soft Skill”	All non-teaching Staff	
8	13th Feb. 2021	Dr. ChandanVichoray, Head, Department of Management Technology, Shri Ramdeobaba College of Engineering & Management.	Guest Lecture, “Group Discussion”	III and IV year	100
9	1st Feb’ 2021	Dr. Sunita Dhote, Assistant Professor, Department of Management Technology, ShriRamdeobaba College of Engineering &	Guest Lecture on “Positive Mindset at Campus for Progress”	IInd Year	70

		Management.			
10	3 rd April 2021	Mr. Baldev Singh Rawat, Founder of Value Kreation, Nagpur	Seminar on "Why, What and How of startup"	II, III and Final Year	100
11	06 th April 2021	Dr. Abhijeet Agase, DMT, RCOEM	Guest lecture on "Improving Interpersonal Skills - Transactional Analysis Approach"	III and Final Year	100

A.Y. 2019-20

Sr. No	Date/Year	Name & Affiliation of the expert / speaker	Topic	Semester	No. of Attended
1	5-6 July 2019	Mr. Makarand Pandharipande, Proprietor, Comp. Institute, Nagpur.	Fast track training on C/C++	VII Sem	55
2	13 July 2019	Mr. Mehul Jhunjunwala, Interview trainer, Nagpur	GD/PI Skill Improvement	VII Sem	50
3	13 July 2019	Mr. Mehul Jhunjunwala, Interview trainer, Nagpur	Career Opportunities	V Sem	30
4	27 July 2019	Mr. Sudhir Joshi, DGM Ashok Leyland, Nagpur	Energy Conservation & Management	V Sem	45
5	10 August 2019	Mr. Sudhir Budhey, B Algo Solar Pvt. Ltd.	Entrepreneurship Opportunities in Solar Photovoltaic System	V Sem	89
6	19 August 2019	Mr. Shyamal Chatterje, Owner & MD, Galaxy Solar Energy Pvt Ltd	Entrepreneurship Opportunities in renewable energy sector	III, V, VII Sem	70
7	23 August	Mr. Shashwat Jha, Interview expert, Nagpur	PI Skill Improvement	VII Sem	58
8	9 Sept 2019	Mr. Baldev Singh Rawat	Entrepreneurship and Startups	II, III Sem	
9	26 Sept. 2019	Mr. Devashish Joshi, MNJ Electrical consultant, Nagpur	Lighting design aspects	VII Sem	30
10	27 Sept. 2019	Mr. Anil Tatode Training officer, Dept of Cloud & Tech	Industrial Robotics and Automation	VII Sem	65
11	22 Aug, 27	Prof Nisha Raote, Assistant Professor MCA Dept,		V Sem	35,32,37, 35

	Aug05 Sep, 12 Sep. 2019	RCOEM	Python Programming		
12	07 December 2019	Mr. Kushal Lkhani	Aptitude Development	VII Sem	41
13	09 December 2019	Mr. Llyod& Mr. Anand, ICE, Nagpur	How to Prepare for GATE	IV Sem	54
14	24-Jan- 2020	Dr. Altaf Badar, NIT Warangal,	Artificial Intelligence in Power System	VI Sem & M. Tech	74
15	25-Jan- 2020	Mr. Sunil Mahabal SM Consultants Nagpur. DGM Central Services at Mahindra & Mahindra, Hingna MIDC, Nagpur).	Electrical Energy Conservation, Maintenance of Electrical system, Safety Culture in Industries	VI & VIII Sem	22
16	26-Feb- 2020	Dr. B.N. Chaudhary Ex-Director COEP Pune.	Insight of Electrical Machines	VI Sem & M. Tech	79
17	26-Feb- 2020	Dr. B.N. Chaudhary Ex-Director COEP Pune.	Future Scope of Electrical Engineering.	IV Sem	
18	06- March- 2020	Mr. Pranav Mehar Asst. Manager (Training Div.- Central India)	Industrial Automation (PLC & SCADA).	VI Sem	66
19	10th May 2020	Mr. Abhijit Dam, Zonal Manager, Zone-2, L&T ESP Division.	KVAH Billing and Power Factor Improvement	Open for all	274
20	12th May 2020	Mr. Nikhil Dhamankar, Director, Energize Sustainable Solutions Pvt Ltd.	An Introduction to Electric Vehicle Landscape in India	Open for all	188
21	17th May 2020	Mr. Pankaj Vaidya Vice President GMR Energy Limited	Basics of Indian Power Sector and Power Markets	Open for all	183
22	19th May 2020	Dr. Kartikeya Chaturvedi MBBS, Dip. Cardio (Electro physiology and echo Cardiography)	First Aid in Electrical Mishaps (This could save somebody's life)	Open for all	187
23	20th May 2020	Mr. P.A. Amilkanthwar Superintending Engineer (Testing), MSPGCL	Role of Frequency and Voltage for Stability of Power System	Open for all	189
24	25th May 2020	Mr. Nishant Meshram, Founder Nishant Solar Tech, Nishant Green Innovations	Electric Vehicles Charging Station	Open for all	143

25	31st May 2020	Dr. V.T. Barhate Dr. S.B. Bodkhe Dr.P.B. Kulkarni Prof. Koushik Roy	Admission 2020-21 to M. Tech. in Power Electronics & Power System at RCoEM	VIII Sem	86
26	19th June 2020	Mr. Govind Chandak, Bussiness Head, NSDM, Pune	How to get Jobs through LinkedIn	Open for all	
27	20th June 2020	Dr. S.B. Bodkhe	Research Paper Writing and Methods to Avoid Plagiarism	Open for all	210
28	25th June 2020	Mr. Shaswat Jha,	Ace your GD & PI Preparations	VI Sem	83

A.Y. 2018-19

Sr. No.	Date	Name & affiliation of the expert/speaker	Topic	Semester	No. of students Attended
1	27 th July 2018	Alumni- 1. Mr. Amit Kapoor, Accenture in Netherlands, 2. Mr. Abhishek Kumar, Texas Instruments	Challenges in career development	V & VII Sem	60
2	19 th Sept 2018	Mr. Vikas Joshi, Entrepreneur and Consultant in lighting field	Designing of Lighting System	All BE, M. Tech	90
3	26 th Sept 2018	1. Mr. Mandar Ghotkar, CEO, Orange WIT, Nagpur 2. Mr. Devashish Joshi, MNJ Consultants, Nagpur 3. Mr. Kapil Jangid, Photon Energy Solutions, Nagpur	Entrepreneurship Opportunities for Electrical Engineers	III, V Sem	105
4	27 th Dec. 2018	Mr. Anand Sharma, Manager, ICE Nagpur	How to prepare for GATE, IES and PSU's	IV Sem	66

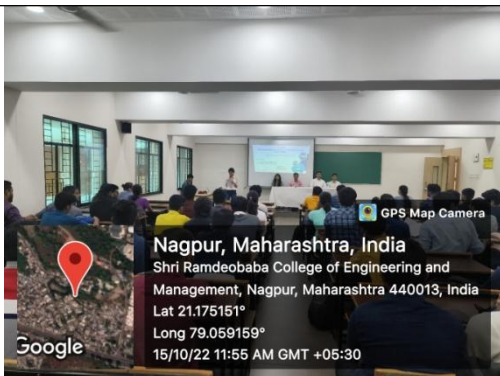
Glimpses of Guest Lectures:



Resume Building and Resume Writing



Scope and Role of Electricity in Coal Mine Industry



Opportunities for Electrical graduates in core Industry



Control and Operation of MMC Voltage Source Converters for HVDC Application



Model Order Reduction Techniques: Fundamental Studies, Applications and Challenges



Introduction to Industry 4.0 and Career Options

आनापान परिचय

- आज के ऑनलाइन ध्यान सत्र में आपका स्वागत है।
- आज हम एक नया विषय सीखने जा रहे हैं।
- विषय है आनापान।
- यह न केवल आपकी शिक्षा में, बल्कि जीवन भर सभी क्षेत्रों में उपयोगी होगा।
- यह सत्र एक घंटे का है।

• अब हम यह सत्र शुरू कर रहे हैं।

Introduction to Anapana Meditation

Fig. 2. An Isolated Microgrid model with PID frequency control approach

Stability Analysis of drive systems consisting of motor, converters and sources

**HIGH VOLTAGE DC
VERSUS
FLEXIBLE AC**

PROF. S. N. KAWANE
ADDITIONAL EXECUTIVE ENGINEER
MSETCL, MUMBAI

HVDC

Interview Techniques

- What influences the Interviewer?
- Your Domain Knowledge.
- Your general Knowledge.
- Your Knowledge of current situation.
- Your skills.
- Leadership skills.
- Your attitude.
- Your communication skills.
- Your Body language.

Interview Techniques

Co-teaching by industry expert in the department

A.Y. 2022-23

Sr. No.	Name of Expert with Designation and Company name conducting the Course	Course Name	Benefitted Students	Date
01	Er. Avinash Sadhu (EX T and D Specialist, Necon power and infra ltd. Guwahati, Assam.)	Power System II Topic: Power System Security	VI Sem B. Tech	11th March 2023

A.Y. 2021-22

Sr. No.	Name of Expert with Designation and Company name conducting the Course	Course Name	Benefitted Students	Date
01	Mr. Santosh Kaware, Additional Executive Engineer (Operation) (MSLDC), MSETCL, Airoli, Navi Mumbai.	Course: H V Engineering Topic: High Voltage Testing of Electrical Apparatus	VII Sem B.E.	18 th September 2021
02	Mr. Karthik P.U., Manager (Electrical) GAIL(India) Ltd.	Course: Power System-I, Topic: Real and Reactive Power Control in Power System.	V Sem B. E	25 th September 2021
03	Dr. Anil B. Onkar Executive Engineer (Retd in Aug 2021), Koradi Training Centre, KTPS,	Course: Electrical Machines-II, Topic: Construction, Operation and Maintenance in Thermal Power Plant, Capability curves.	V Sem B. E. and II MTech (PEPS)	9 th October 2021

	Nagpur			
04	Dr. N. D. Ghawghawe Professor, Govt. Engg. College, Nagpur	Course: Power System II Topic: Power System deregulation and electricity markets	VI Sem B.E.	17 th March 2022

A.Y. 2020-21

Sr. No.	Name of Expert with Designation and Company name conducting the Course	Course Name	Benefitted Students	Date
1	Mr. Karthik P U Manager (Electrical) GAIL(INDIA) LTD. P.O. GAIL Complex, Vijaipur, Dist. Guna (MP)	Power System-I Topic- "Concept of Active and Reactive Power Control in Power System"	V Semester	18 th October 2020
2	Mr. Parag Dandekar Vice President Engineering in M/S Saarloha Advanced Materials Pvt Limited (Formerly Kalyani Carpenter Special Steels Ltd), Pune, Maharashtra,	Electrical Measurement and Instrumentation	III Semester	11/10/2020
3	Er. A. K. Sadhu Ex T & D specialist, Neccon power and infra Ltd. Guwahati, Assam."	Power System II	VII Semester	21 Oct.2020
4	Mr. A. Satish Kumar	Electrical Machines-	V Semester	27/10/2020

	<p>Manager, Technical Services</p> <p>BHARAT HEAVY ELECTRICALS LIMITED (BHEL), PS: WR (Govt. of India Undertaking)</p> <p>345, Kingsway, Nagpur 440 001</p>	II		
5	<p>Mr. Santosh H. Kaware</p> <p>Additional Executive engineer at MSETCL, Mumbai</p>	EHVAC-HVDC Transmission System	VII Semester	17/10/2020
6	<p>Dr. Irfan Ahmad</p> <p>NIT Durgapur</p>	“Basics of Root locus and its application “	VIth Semester	13 th March 2021
7	<p>Mr. Santosh Kaware,</p> <p>Additional Executive Engineer at MSETCL, Mumbai</p>	“PLC and SCADA”	VIth Semester	20 th March 2021
8	<p>Mr. H. Diddee,</p> <p>CEO, Heta Datain</p>	Electrical Energy Conservation and Audit	Vth Sem	23rd Oct 2021
9	<p>Mr.S.S. Dubey, Nagpur</p>	Microcontroller	Vth Sem	
10	<p>Mr. Satish Kumar,</p> <p>Manager-Technical Services, B.H.E. L</p>	Transformer	IV Sem	7th April 2021
11	<p>Er. Avinash Sadhu (EX T and D Specialist, Marafiq, Saudi Arabia)</p>	Power System Security	VI sem	20 Feb.2021
12	<p>Mr. Santosh Kaware,</p> <p>Additional Executive Engineer (operation) at MSETCL, Airoli, Navi Mumbai.</p>	FACTS and HVDC	I and IV semester M. Tech students	3 rd April 2021

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

SYNCHRONOUS MACHINE PHASOR DIAGRAM

$V = E - jIX_s$

$\cos \phi = 0.85$

TEMPUS

Handwritten notes on the left:

- $E < V_0$
- Arrestor Reaction?
- Self induced
- Effect of S. about Pk.
- Bnet