

**Fr. C. Rodrigues Institute of Technology, Vashi**

(An Autonomous Institute & Permanently Affiliated to University of Mumbai)

Department of Electrical Engineering

Expert/Alumni Lecture Summary - SH 2025

| S. N. | Course/ Subject | Date | Name of the Expert | Details of the Expert | Alumni (Yes/No) | If Alumni, year of passed out | Identified PO | Course Coordinator |
|-------|--------------------------------------|------------|------------------------|--|-----------------|-------------------------------|---------------|--------------------|
| 1 | EEC 701: Electrical Drives & Control | 16/09/2025 | Dr. Ramchandra Bhosale | Technical Staff, Igrenenergi Service Pvt. Ltd., IITB Campus, Mumbai | Yes | 2011 (B.E) 2013 (M.E.) | PO7, PO12 | Bindu R |
| 2 | High Voltage DC transmission | 8/8/2025 | Ms. Dipti Khare | Global Product Manager, HVDC Grid Applications, Sweden | Yes | 1998 | PO12 | Bindu S |
| 3 | Advanced Power Electronics | 8/8/2025 | Bhairavi Diwadkar | Application Development Specialist, Accenture | Yes | 2004 | PO12 | Mini Rajeev |
| 4 | EPS III | 12/08/2025 | Mr. Devendra Patole | Assistant Engineer, MSECL | Yes | 2024 (ME) | PO12 | Seema Jadhav |
| 5 | Protection and Switchgear | 06/09/2025 | Mr. Sutej K. Mota | Associate Senior McDonnell India, Vikhroli West, Mumbai 400079 | Yes | 2019 | PO6 and PO11 | Rashmi Kale |
| 6 | Electronic Components and Circuits | 23/08/2025 | Mr. Sayantan Das | Engineer, Product Applications, Data center and Energy, North Carolina, USA. | Yes | 2021 | PO12 | Sreedevi Nair |
| 7 | Elements of Power System | 27/09/2025 | Ms. Shikha Menon | Electrical Engineer, Technip Energies | Yes | 2022 | PO11 | Mahendra Rane |
| 8 | Microcontrollers | 28/10/2025 | Gayathri Vadhyar | RISC V Engineer, Tenstorrent, Inc. Santa Clara, California. | NO | --- | PO11 | Mini Namboothiri |



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| | | | | California. | | | | |
| 9 | EVT | 8/8/2025 | Bhairavi Diwadkar | Application Development Specialist, Accenture | Yes | 2004 | PO11 | Rajendra Soni |
| 10 | CSA | 07/09/2025 | Ms. Rhea Johnson | System Planning Engineer, Electrical Energy Systems, Sydney, New South Wales, Australia | Yes | 2016 | PO6 | Divya Sajeesh |
| 11 | RSES | 31/10/2025 | Ms. Aqsa Shaikh | Manager (Legal & Regulatory) ERO Power LLP, Pune | Yes | ME 2019 | PO3 | Misbah Khan |

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Signature of HOD



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|------|---|------------|------------------------|--|---------------------|
| 1 | Control Systems | 30/04/2025 | Amol Pednekar | Associate Senior Electrical Engineer, Burns & McDonnell | Ruchi Harchandani |
| 2 | Internet of Things | 19/04/2025 | Mr. Chaitanya Mahamuni | Research Scholar, IIT Bombay-Monash Research Academy | Nikita Nimbalkar |
| 3 | Power Electronics | 18/02/2025 | Mr. Pramit Dutta | Computer Vision Technical Lead, Pro-Football Focus, | Mini Rajeev |
| 4 | Micro-controller Applications | 19/04/2025 | Mr. Prathamesh Mhamane | Senior Electrical Engineer, Technip Energies India Ltd, Mumbai | Sreedevi Nair |
| 5 | Power System Engineering | 16/04/2025 | Vijay Shinde | Associate Senior Electrical Engineer, Burns & McDonnell India Vikhroli (W), Mumbai, 400079 | Abhishek Shiwalkar |
| 6 | Control System Design | 15/04/2025 | Agnel Austin | Senior Engineer, L&T Precision Engineering, Mumbai. | Mini Namboothiripad |
| 7 | Signals and Systems | 15/05/2025 | Ms. Khushbu Zope | Software engineer, Salesforce, Seattle, US | Divya Sajeesh |
| 8 | Electrical System Design, Management and Auditing | 01/04/2025 | Mr. Siddharth Singh | Senior Manager, Reliance Industries Limited | Mahendra Rane |
| 9 | LSD | 25/04/2025 | Ayush Mishra | MBA pursuing, IIM Trichy | Seema Jadhav |
| 10 | Automation and Control | 28/05/2025 | Sarah George | Manager, PEATC, R&D NPD, Schneider Electric India Limited | Rajendra Soni |

Expert/Alumni Lecture Summary - SH 2024

| S. N. | Course/Subject | Date | Name of the Expert | Details of the Expert | Course Coordinator |
|-------|----------------|------------|--------------------------|---|--------------------|
| 1 | EPS III | 30/07/2024 | Mr. Tejas Deshpande | Associate senior Electrical Engineer, Burns & McDonnell India, Vikhroli West, Mumbai-400079 | Seema Jadhav |
| 2 | HVDC | 01/08/2024 | Dr. Rosy Balaram Raysaha | Senior R&D engineer & Project leader (Medium Voltage) ABB AG, Ratingen, Germany | Bindu S |
| 3 | APE | 22/07/2024 | Hiten Mistry | Procurement Head, Bajel Projects | Mini Rajeev |



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|----|---------------------------------------|------------|--------------------------|--|---------------------|
| 4 | ECC | 27/09/2024 | Ms.Palak Shiwai | Project Controls Engineer, IRP Portfolio, Global Projects, Bangalore | Sreedevi Nair |
| 5 | Professional Communication & Ethics 2 | 20/11/2024 | Mahima Rudrapati | FCRIT BE 2024 CE, UCD 2026 MS CS | AUDREY CORREA |
| 6 | Electrical Drives & Control | 08/10/2024 | Dr. Ramchandra Bhosale | Ph. D. from IITB, Member of Technical Staff, Igrenenergi Service Pvt. Ltd., IITB Campus, Mumbai | Bindu R |
| 7 | Electrical AC Machines-II | 14/10/2024 | Reuben V Jose | Decision Analytics Associate, ZS Associates, Pune | Abhishek Shiwalkar |
| 8 | Control Systems | 01/08/2024 | Dr. Rosy Balaram Raysaha | Senior R&D engineer & Project leader (Medium Voltage), ABB AG, Ratingen, Germany | Mini Namboothiripad |
| 9 | EEPCC304/RSES | 25/11/2024 | Mr. Sanket Dalvi | Electrical Engineer- Burns & McDonnell India | Misbah Khan |
| 10 | EFW | 30/07/24 | Mr. Pranav Kulkarni | Intel , USA | Rashmi Kale |
| 11 | CSA | 14/10/2024 | Mr.Anush Malik | Lead Engineer - Utility Scale EPC Business Development and Modules Sales, Tata Power Renewable Energy Limited, Bengaluru - 560 100 | Divya Sajeesh |
| 12 | EPS1 | 14/10/2024 | Ms. Shilpa Pillai | Asst. Deputy Engineer, MSEDCL | Dr.Mahendra Rane |
| 13 | EPS II | 21/10/2024 | Mr.Amol Pednekar | Electrical Engineer, Burns and Mc Donnel | Ruchi .H |



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|------|--|------------|---|--|---------------------------|
| 1 | PEDC | 12/01/2024 | Mr. Subu Narayanan | Partner at McKinsey & Company, London | Mini Rajeev |
| 2 | Power System Protection and Switchgear | 23/01/2024 | Mr. Saurabh Pardhe | Software Developer Cybage Software Pvt ltd, Pune | Dr Bindu S |
| 3 | Lighting System Design | 04/04/2024 | Mr. Joseph Paulson Lembai | Bay 99- A WPP campus, Level 2, The ORB, IA Project Rd, Navpada, Vile Parle East, Andheri East, Mumbai, Maharashtra 400099. | Seema Jadhav |
| 4 | Microcontroller Applications | 22/03/2024 | Mr. Pranit Lohote | Associate Director, Data Strategy and Metrics, AstraZeneca, Manyata Embassy Park, Bangalore. | Sreedevi S Nair |
| 5 | Control System Design | 05/04/2024 | Mr. Kunal Pardeshi | State Research Associate, Mahatma Gandhi National Fellowship, Indian Institute of Management Nagpur, Maharashtra, India | Mini K. Namboothiripad |
| 6 | Electrical System Design, Management and Auditing | 26/02/2024 | Mr. Siddharth Singh | Senior Manager, Reliance Industries Limited | Dr. Mahendra Rane |
| 7 | Signals and System | 23/04/2024 | Mr. Vaibhav Chidravar | System Engineer (Delivery Assurance) TCS, CIB- BFSI | Ruchi Harchandani |
| 8 | Electrical AC Machines I | 20/04/2024 | Dr. Ramchandra. Bhosale (Ph. D. from IIT Bombay) | Member, Technical Staff, Igrenenergi services Pvt Ltd. SINE, 3rd Floor, CSRE Building, IIT Bombay, Mumbai 400076 | Dr. Bindu R |
| 9 | Digital | 04/04/2024 | Mr. Joseph Paulson | Bay 99- A WPP | Divya Sajeesh |



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|----|---------------------------|------------|--------------------------|---|---------------|
| | Electronics | | Lembai | campus, Level 2, The ORB, IA Project Rd, Navpada, Vile Parle East, Andheri East, Mumbai, Maharashtra 400099. | |
| 10 | Automation and Control | 13/04/2024 | Mr. Shreyas Abhyankar | HIL Powertrain Modelling Engineer, Stellantis, Michigan, USA | Rajendra Soni |
| 11 | EVSD | 04/04/2024 | Mr. Shantanu Kulkarni | Lead Electronics Engineer Kaleideo - satsure HM towers, Brigade Road, Bangalore | Misbah Khan |
| 12 | Energy Storage | 05/04/2024 | Mr. Kunal Pardeshi | State Research Associate, Mahatma Gandhi National Fellowship, Indian Institute of Management Nagpur, Maharashtra, India | Nikita.N |



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|------|------------------------------------|------------|---|--|---------------------------|
| 1 | Advance Power Electronics | 17/7/2023 | Mr. Vishal Iyer | Chief Commercial Officer, Jakson Green, New Delhi | Mini Rajeev |
| 2 | High Voltage DC transmission | 7/8/2023 | Mr. Bennadit Nadar | Deputy Engineer ,Jacobs Engineering India Pvt Ltd Maesteros Building No 2, Mahape, Navi Mumbai - 400710 (Sector 2, MIDC) | Dr Bindu S |
| 3 | Electrical Power System- III | 16/09/2023 | Ms. Aishwarya Mahadik | Senior Design Engineer -Electrical, Larson & Toubro Limited, L &T House, 191/1, Dhole Patil Road, Pune. | Seema Jadhav |
| 4 | Analog Electronics | 12/08 2023 | Mr.Anjan Panigrahy | Product Applications Engineer, Analog Devices, 160 Rio Robles , San Jose, California, USA. | Sreedevi S Nair |
| 5 | Control System | 2/09/23 | Mr. Shubham Devlekar | Development engineer, R&D department, RIR power electronics limited. | Mini K. Namboothiripad |
| 6 | Electrical Power System I | 17/08/2023 | Mrs. Shilpa Pillai | Deputy Executive Engineer, MSETCL | Dr. Mahendra Rane |
| 7 | AC Machines-II | 9/9/2023 | Rishikesh Ashokkumar | Associate Power System Engineer, ABB India Ltd, Nashik | Abhishek Shiwalkar |
| 8 | Electrical Power System- II | 16/9/2023 | Mr Parimal Patil | Specialist Verification and Validation, Bosch Global Software Technologies Pvt Ltd, Pune | Ruchi Harchandani |
| 9 | Electrical Drives & Control | 08/09/2023 | Dr. Ramchandra Bhosale (Ph. D. from IIT Bombay) | Member, Technical Staff, Igrenenergi services Pvt Ltd. SINE, 3rd Floor, CSRE Building, IIT Bombay, Mumbai | Dr. Bindu R |



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| 10 | Electrical Signal Analysis | 13/10/2023 | Mrs. Priti Yashwant Gosavi | Electrical Engineer, Company name- Technip energies Doha, Qatar | Divya Sajeesh |
| 11 | Fundamentals of Electrical Machines and Measurements | 28/10/2023 | Mr. Bennadit Nadar | Power System Electrical Engineer, Vestas Wind Technologies, Australia | Rajendra Soni |
| 12 | Microgrid and smart grid | 31/08/2023 | Dr. Shrishell K.Muchande | Asst. Professor at Gharda Institute of Technology | Misbah Khan |
| 13 | Electromagnetic Fields and Waves | 10/08/2023 | Mr.Pranav Kulkarni | Data Scientist at Intel Corporation,USA | Rashmi Kale |



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Department of Electrical Engineering

Academic Year 2022-23

SH 2022

| Sr.No. | Date of conduction | Speaker | Topic |
|---------------|---------------------------|--|--|
| 1 | 12/9//2022 | Mr.Utkarsh Mishra Electrical Engineer, Burns& Mc Donnel L, 6th floor, Godrej IT park, Vikroli, 400079 | How to ease the life towards placement and higher studies |
| 2 | 6/8/2022 | Ms. Nupur Saxena Senior Electrical Design Engineer ,GE Healthcare, Delhi | Opportunities in the field of Power Electronics |
| 3 | 19/9/2022 | Mr. Ritvik Mittal Deputy Manager, Replus Engitech Pvt. Ltd., SB 701, 702 and SB 716, 7th Floor South Block, SACRED WORLD, Wanwadi, Pune, Maharashtra 411040 | Options after Bachelor of Engineering |
| 4 | 26/9/2022 | Mr. Chinmay Vaidya Lead Electrical Engineer, Black & Veatch Corporation | Power System Opportunities after MS- Substation Engineering |
| 5 | 23/9/2022 | Ms. Kartika B. Nair Product Manager, Silicon Labs, Pvt.Ltd, Hyderabad | Product life cycle Management |
| 6 | 23/9/2022 | Ms. Kartika B. Nair Product Manager, Silicon Labs, Pvt.Ltd, Hyderabad | Product life cycle Management |
| 7 | 24/9/2022 | Ms. Keerti Mhamunkar Associate Electrical Engineer ,ETAP Automation Limited, Seawoods, Navimumbai. | Engineering career in consultancy |
| 8 | 9/10/2022 | Ms. Sushma Yempalle Signal Integrity Engineer, IBM Research and Development, Germany | EM Waves in PCB Technology |
| 9 | 13-9-2022 | Mr. Tanmay Kadam Electrical Engineer,Burns& Mc Donnel L, 6th floor, Godrej IT park' Vikroli, 400079 | Significance of electrical software knowledge for an Electrical Engineer |
| 10 | 22/10//2022 | Mr. Bennadit Nadar Application Engineer, VESTAS Grid, Powai, Mumbai - 400076 | Synchronous Generator and its Effects on Grid |



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| 11 | 3/11/2022 | Mr. Vaibhav Chidrawar System Engineer,TCS, Ken-B, Unit3, Hiranandani Powai | Job opportunities and skills required for IT company |
| 12 | 11/10//2022 | Mr.Ruben Jose Business Operations Associate, ZS Associates | Journey from "Campus to Corporate" & Emerging Trends in Industry |
| 13 | 27/9/2022 | Mr. Vivek Kushwaha Electrical Engineer, Burns & McDonnell Engineering India Pvt., Ltd.Vikroli | Role of Electrical Engineer in Power system Engineering |



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FH 2023

| Sr.No. | Date of conduction | Speaker | Topic |
|---------------|---------------------------|--|--|
| 1 | 10/02/2023 | Mr.Salil Patwaedhan M.Sc student Techischs University | Higher studies in abroad |
| 2 | 24/1/2023 | Mr.Chandan Bhagat Staff site Reliability Manager, Google | Post Engineering Education and Experience sharing |
| 3 | 13/2/2023 | Mr.Atharva Agasti Product Specialist, Sr Product Specialist Dover, Fueling Solution TTC Industrial area IDC, Mahape Navi Mumbai-400710 | College to corporate and after |
| 4 | 20/3/2023 | Ms. Maitreyee Deshmukh Engineer, DNV Energy Systems Germany, GmbH/ GridLab Training Centre. | Secondary controller for Grid restoration |
| 5 | 28/3/2023 | Mr. Chintan Patel Owner Chntan Patel Acoustics and Lighting Solutions, Mumbai 400016 | Lighting System Design |
| 6 | 24/2/2023 | Mr. Sidharth Singh Senior Manager, Reliance Jio | Infrastructure and Power Distribution in Telecom Indisutry |
| 7 | 17/1/2023 | Mr. Ashish Nilangekar RBI Assistant, RBI Nagpur | EV and its Economical Impact |
| 8 | 20/3/2023 | Ms. Maitreyee Deshmukh Engineer, DNV Energy Systems Germany, GmbH/ GridLab Training Centre. | Secondary Controller for Grid restoration |
| 9 | 28/2/2023 | Dr. Ramchandra Bhosale Member, Technical Staff, Igrenenergi Services Private Ltd | Why induction motor is very popular |
| 10 | 7/4/2023 | Mrs.Mayuri Jawale Electrical Design Engineer, Jacobs Solutions India Pvt Ltd, Mubai | Campus to corporate |



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Department of Electrical Engineering

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| 11 | 5/4/2023 | Mrs. Manasi Bansode, Assistance System Engineer, TCS Mumbai | Guidance for paths after engineering |
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Academic Year 2021-22

| Sr.No. | Date of conduction | Speaker | Title |
|---------------|---------------------------|--|--|
| 1 | 14/8/2021 | Mr Parimal Patil IT Analyst Tata Consultancy Services, Pune | Autonomous Vehicle |
| 2 | 26/8/2021 | Anindita Samanta Senior Design Engineer- Electrical Tata Consulting Engineers (TCE), 15th floor, Empire Tower Cloud City Campus, Gut No. 31, Village Ethan, Airoli, Navi Mumbai-400708 | Understanding SLD for Power distribution system |
| 3 | 15/8/2021 | Ms Shilpa Deputy Executive Engineer 220/33-22 kV Substation, Maharashtra State Electricity Transmission co. Ltd, Sector 19 A, Nerul, Navi Mumbai. | HVAC substation overviews |
| 4 | 1-9-2021 | Mr.Nitin Akhade Project Manager Customized Energy Solutions India Pvt.Ltd | MicroGrid Initiatives for Campus and Rural Opportunities |
| 5 | 9/9/2021 | Mr.Amar Kumar Gupta Siemens Ltd. MIDC INDL Area, Airoli, Navi Mumbai, Maharashtra | Theory of Circuit Interruption |
| 6 | 20/9/2021 | Mr. Raj Bhaladhare Program Coordinator Advit Foundation, Urban Square, Sector 62, Golf Course Extn. Road, Gurgaon, Haryana | Solar Photovoltaic Systems |
| 7 | 7/10/2021 | Ms. Komal Gaikwad Electrical Engineer Siemens Ltd., Kalva, Maharashtra | Earthing and Neutral Grounding |
| 8 | 21/9/2021 | Mr. Nereus Fernandes Managing Partner Advait Electric Design LLP, Thane, Maharashtra | L.V. Industrial AC Drive |



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| 9 | 25/9/2021 | Mr. Akshay Jagtap Assistant Consultant (Electrical) WSP USA Inc. California, USA | Importance of Software in an Electrical Engineer's Life |
| 10 | 2/10/2021 | Mr. Bennadit Nadar Electrical Project Engineer Vestas Wind Technology India Private Limited | Power System and Electrical Machines |
| 11 | 31/10/2021 | Ms. Sarah George Project Lead Selec Controls Private Limited | Measurement Industry |
| 12 | 15/11/2021 | Ms. Rakshita Dhar Phd Student University of Glasgow | Alumni Network Career Path |
| 13 | 31/12/2021 | Mr. Prem Srampical Co-Founder -Strategy and Innovation White crow Research. | Motivational talk on facing failures |
| 14 | 11/2/2022 | Mr Sutej Mota Electrical Engineer, Substation Design Burns and McDonnell Engineering India Pvt. Limited, vikroli, Mumbai | Fundamentals of FACTS |
| 15 | 12/2/2022 | Sayantana Das Associate Electrical Engineer ETAP Automation, Seawoods Grand Central, Tower no. 2, D wing, Seawoods, Navi Mumbai 400706 | Understanding ETAP software for power system |
| 16 | 2/9/2022 | Mr. Akshat Shenoy Senior Design Engineer Renesas Electronics, Cambridge, UK | Strategies to prepare for higher studies in control & computing with electrical engineering |
| 17 | 5/3/2022 | Ms Sanika Pawaskar Electrical Engineer Worley India, Gigaplex, Building No:2, Plot No: IT-9th floor, TTC Industrial Area, Airoli Knowledge Park, NaviMumbai-400708,India | Electrical Consultancy |
| 18 | 6/4/2022 | Dr.Bindu.R Associate Professor FCRIT,Vashi | Design and sizing of ESS for EV application |



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| 19 | 5/3/2022 | Mr. Siddharth Singh Manager Reliance Jio, Reliance Corporate Park, Ghansoli, Navi Mumbai | Infrastructure and Power Distribution in Telecom Industry |
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| 20 | 19/3/2022 | Mr.Ramchandra bhosale Igrenergi services Pvt Ltd. SINE, 3rd Floor, CSRE Building, IIT Bombay, Mumbai 400076 | Why Induction motor is so popular? |
| 21 | 11/2/2022 | Ms.Anindhita Senior Engineer Tata Consulting Engineers Ltd, Mumbai, Maharashtra | Design Management and Distribution |
| 22 | 12/2/2022 | Mrs.Mayuri Bhirud Electrical Design Engineer Worley India, Gigaplex, Building No:2, Plot No: IT-9th floor, TTC Industrial Area, Airoli Knowledge Park, NaviMumbai-400708,India | Practical Skills in Career Building |