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|  | NATIONAL POWER TRAINING INSTITUTE **An ISO 9001:2000 & 14001 Organizations**  **(Ministry of Power, Govt. of India)**  **NPTI Complex, Sector-33, Faridabad – 121003** | **C:\Users\Rahul\Desktop\e Itec 2021-22\Next Generation\Re NPTI eITEC courses for FY 2021-22\ITEC Logo 2019.jpeg** |
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| **PROGRAM SCHEDULE** | |
| **NAME OF PROGRAM** | **“** **Next Generation Distribution Systems: Transition Towards Smart Grids”** |
| **DURATION** | **(21.02.2022 to 25.02.2022)** |
| **PARTICIPANTS** | **1-Week** |
| **VENUE** | **E-ITEC Online Course by NPTI Corporate Office, Faridabad** |
| **Google meet Link for all program sessions:** [**https://meet.google.com/wpq-uzeg-wdx**](https://meet.google.com/wpq-uzeg-wdx) | |

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| **Date/Day** | **Session Start Time (hrs)**  **Indian Standard Time (IST)** | **Topic** | **Faculty** |
| **21.02.2022** | 14.15 Hrs. | Inauguration | Sh. RahulPandey |
| 14.30 Hrs. | Introduction to Electrical Power system, Transmission & Distribution System reforms and challenges | Dr. K.P.S. Parmar |
| **22.02.2022** | 14.30 Hrs. | Recent advancements & trends in upgradation of distribution systems, Distribution System Automation | Dr. Ajit Kumar |
| **23.02.2022** | 14.30 Hrs. | Automated Metering Infrastructure (AMI): An effective enabler of smart grid architecture. Various technologies, components &integration. | Sh. P. K. Raha |
| **24.02.2022** | 14.30 Hrs. | RE Penetration in Distribution System, Grid Integration of RE: Technology and Challenges | Dr. J. Raja |
| **25.02.2022** | 14.00 Hrs. | Role of communication systems in smart distribution system. Various modes and their applications., Smart Distribution System : Concept to Commissioning Case Studies | Dr. Mahendra Singh |
| 17:00 Hrs. | Valedictory | Sh. Rahul Pandey |