

**List of Workshop, Seminar, Webinar, FDP and  
Industry Visit organized by the Department of  
Electrical Engineering**

| S.N .                          | Name of the Professional Societies/Bodies/Chapters/ Clubs | Name of the Event  | National/ International level | Date of Event              |
|--------------------------------|---|--|-------------------------------|----------------------------|
| <b>Academic Year (2025-26)</b> |   |  |                               |                            |
| 1                              | ISTE  | Seminar on “PLC & Automation”  | National                      | 06.02.2026                 |
| 2                              | ISTE  | Electrical Model Competition for School Students celebration of National Energy Conservation Day   | National                      | 16.12.2025                 |
| 3                              | ISTE, SESI  | One Day Technical Webinar: Expert Talk on “ Introduction to Verilog and FPGA Design-Fundamentals and Hands on Simulation Using Vivado”   | National                      | 27.11.2025                 |
| 4                              | ISTE, IEI   | 2-Day AICTE-VAANI Sponsored Seminar (in Bengali) on “Opportunities and Innovations in Hydrogen Energy”   | National                      | 03.11.2025 &<br>04.11.2025 |
| 5                              | ISTE  | Seminar on Role of Power Conversion Technologies in Modern Electric Vehicles   | National                      | 10.09.2025                 |
| <b>Academic Year (2024-25)</b> |   |  |                               |                            |
| 1                              | ISTE  | Two-Day National Level Workshop on "Electrical Energy Generation Systems: Renewable & Non-Renewable".  | National                      | 08.05.2025 &<br>10.05.2025 |
| 2                              | IEEE  | International Conference on AI-Driven Smart Healthcare for Society 5.0 (AdSoc 5.0), Organized by Department of Computer Science & Engineering and the Department of Electrical Engineering, Guru Nanak Institute of Technology (GNIT), in collaboration with the IEEE Kolkata Section. | International Conference      | February 14 & 15, 2025     |

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| 3 | ISTE              | Workshop on “Igniting the Entrepreneurial Spirit” Organized by: Department of Electrical Engineering and Department of Food Technology in collaboration with the Entrepreneurship Development Institute of India (EDII) and in association with the Entrepreneurship Development Cell (EDC) and the Institution Innovation Council (IIC) of GNIT. | National | February 21, 2025         |
| 4 | ISTE              | Hands-on Session on IoT and Raspberry Pi in collaboration with Reunited Tech Solution Pvt. Ltd. , Organized by: Department of Electrical Engineering and ISTE Students Chapter  | National | February 18, 2025         |
| 5 | IEI               | The Department of Electrical Engineering, GNIT organized a One Day Industrial Visit for the B. Tech students to West Bengal State Electricity Distribution Company Limited (WBSEDCL) 33/11 KV Substation, Belghoria.  | National | February 18, 2025         |
| 6 | SESI              | Seminar on “Digital Transformation: Confluence of IoT, Cloud Computing, Big Data, AI and Analytics”, held on November 8, 2024 in collaboration ISA Kolkata, with SESI   | National | 8/11/2024                 |
| 7 | Green Energy Club | The Department of Electrical Engineering, GNIT organized a One Day Industrial Visit for the B. Tech 3rd semester students to Bandel Thermal Power Station.  | National | September 06, 2024        |
| 8 | Green Energy Club | Department of Electrical Engineering at Guru Nanak Institute of Technology organized SAMATVA- 2K24, the National Level Annual Technical Fest, on 19th-20th September 2024.  | National | 19/09/2024 and 20/09/2024 |

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| 9                              | Green Energy Club | Seminar on "Internship in the Field of Solar Energy" on 23/08/2024<br>Organized by: Department of Electrical Engineering in collaboration with Green Energy Club, EE, GNIT                       | National | 23/08/2024              |
| 10                             | Green Energy Club | Alumni Meet on "The Role of Engineers in the Finance Sector" organized by EE, GNIT, with Green Energy Club, EE, GNIT   | National | 23/08/2024              |
| 11                             | Green Energy Club | The Department of Electrical Engineering, GNIT organized a One Day Industrial Visit for the B. Tech 3rd semester students to Carriage & Wagon Workshop, Eastern Railway, Liluah, Howrah.         | National | 21/08/2024              |
| 12                             | Green Energy Club | Alumni Meet on "The Role of Engineers in the Finance Sector" on 23/08/2024   | National | 23/08/2024              |
| <b>Academic Year (2023-24)</b> |                   |  |          |                         |
| 1                              | ISTE/IEI/SESI     | Five Days International Faculty Development Program on AI for Sustainable Energy in Society 5.0  | National | 15th - 19th April, 2024 |
| 2                              | ISTE              | Seminar on "Employability Skills set for roles in The Renewable Energy Sector"   | National | 8th February, 2024      |
| 3                              | Green Energy Club | Industry Visit for 2nd and 3rd year Electrical Engineering students at the Belgharia 33/11KV Substation operated by the West Bengal State Electricity Distribution Company Limited (WBSEDCL).    | National | April 30, 2024          |
| 4                              | ISTE              | Poster Making Competition in celebration of Energy Conservation Day to promote awareness about the crucial need to promote awareness about the crucial need to "Save Electricity and Save Water" | National | 08th January, 2024      |
| 5                              | ISTE              | Departmental Alumni Meet   | National | 11th March, 2024        |
| 6                              | Green Energy Club | One Day Industrial Visit at 1MWp Canal top Solar Power Plant GNIT in association with Agni Green Power Ltd. Newtown, Kolkata   | National | 9th February, 2024      |

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| 7                              | IEEE                       | One Week Online Faculty Development Program on “Energy Storage Systems for Sustainable Development” technically co-sponsored by IEEE Industry Applications Society, Kolkata Chapter was organized by the Department of Electrical Engineering | International | 11 <sup>th</sup> to 15 <sup>th</sup> July 2023.    |
| 8                              | ISTE/ Green Energy Club    | SAMATVA 2K23, the Annual Technical Fest, was organized by the Department of Electrical Engineering.   | National      | 15 <sup>th</sup> -16 <sup>th</sup> September, 2023 |
| 9                              | ISTE/SESI                  | Seminar entitled “Safe Electric Future: Passion for Power” in the Seminar Hall. was organized by the Department of Electrical Engineering   | National      | 17 <sup>th</sup> July 2023                         |
| 10                             | Green Energy Club          | Industrial Visit to P.B. Samadder Industrial Estate at Ruiya, Barrackpore was organized by the Department of Electrical Engineering   | National      | on November 24, 2023.                              |
| 11                             | Green Energy Club          | Industrial Visit to CAS Electrical & Automation Pvt. Ltd. was organized by the Department of Electrical Engineering   | National      | September 21, 2023.                                |
| 12                             | Green Energy Club          | “ULLAS-2K23” an initiative of Distributing food packets to our under privileged Brothers and Sisters was organized by the Department of Electrical Engineering  | National      | 10 <sup>th</sup> November, 2023.                   |
| <b>Academic Year (2022-23)</b> |                            |   |               |  |
| 1                              | IEI &ISTE Students Chapter | Workshop on Solar PV  | National      | 17.10.2022   |
| 2                              | IEI &ISTE Students Chapter | Hands-on Training on Solar Panel & Measurement of Electrical Parameters   | National      | 18.10.2022   |
| 3                              | IEI &ISTE Students Chapter | Training on Solar System Design with PVSYST   | National      | 19.10.2022   |
| 4                              | IEI &ISTE Students Chapter | Hands-on Training (Building a Complete Solar PV System)   | National      | 20.10.2022   |
| 5                              | IEI &ISTE Students Chapter | Technical Workshop on PLC & AUTOMATION  | National      | 22.11.2022   |

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| 6  | IEI &ISTE Students Chapter                      | Electric Vehicle Technology & Career Opportunities.   | National | 13.01.2022 |
| 7  | SESI, IIC and Entrepreneurship Development Cell | Electrical Mobility and Renewable Energy Development Infrastructure for Budding Entrepreneurs | National | 02.05.2023 |
| 8  | SESI, IIC-GNIT and EDC-GNIT                     | Electrical Operation and Maintenance System of Indian Railways                                | National | 08.05.2023 |
| 9  | SESI &IE (I) Students Chapter                   | Dynamics of Hybrid and Electric Vehicle   | National | 26.05.2023 |
| 10 | IE (I) Students Chapter                         | MBA: An Edge over the Multitude   | National | 29.05.2023 |

### Supporting Documents



**Fig. 4.7.1.2a** 2-Day AICTE-VAANI Sponsored Seminar (in Bengali) on “Opportunities and Innovations in Hydrogen Energy”



**Fig. 4.7.1.2b** Two-Day National Level Workshop on "Electrical Energy Generation Systems: Renewable & Non-Renewable".



**Fig. 4.7.1.2c** International Conference on AI-Driven Smart Healthcare for Society 5.0 (AdSoc 5.0), Organized by Department of Computer Science & Engineering and the Department of Electrical Engineering, Guru Nanak Institute of Technology (GNIT), in collaboration with the IEEE Kolkata Section.



**Fig. 4.7.1.2d** Workshop on “Igniting the Entrepreneurial Spirit” Organized by: Department of Electrical Engineering and Department of Food Technology



**Fig. 4.7.1.2e** Hands-on Session on IoT and Raspberry Pi in collaboration with Reunited Tech Solution Pvt. Ltd. , Organized by: Department of Electrical Engineering and ISTE Students Chapter



**Fig. 4.7.1.2f** One Day Industrial Visit for the B. Tech students to West Bengal State Electricity Distribution Company Limited (WBSEDCL) 33/11 KV Substation, Belghoria & Seminar on “Digital Transformation: Confluence of IoT, Cloud Computing, Big Data, AI and Analytics”, held on November 8, 2024 in collaboration with SESI



**Fig. 4.7.1.2g** Seminar on "Internship in the Field of Solar Energy" on 23/08/2024 Organized by: Department of Electrical Engineering in collaboration with Green Energy Club, EE, GNIT



**Fig. 4.7.1.2h** Department of Electrical Engineering at Guru Nanak Institute of Technology organized SAMATVA- 2K24, the National Level Annual Technical Fest, on 19th-20th September 2024.



**Fig. 4.7.1.2i** The Department of Electrical Engineering, GNIT organized a One Day Industrial Visit for the B. Tech 3rd semester students to Carriage & Wagon Workshop, Eastern Railway, Liluah, Howrah.



Fig. 4.7.1.2j Industry Visit and Alumni Meet

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| <p><b>Who Can Attend</b></p> <p>Faculty members, research scholars and PG students from any Engineering Colleges / Universities and Industrial Professionals / Delegates.</p> <p><b>Registration Process</b></p> <p>Registration link:<br/><a href="https://forms.gle/fh8NcJWz9RqyL1tq6">https://forms.gle/fh8NcJWz9RqyL1tq6</a></p> <p>Scan the QR Code</p> <p>Registration Fees- Rs. 250- (Two Hundred Fifty only)<br/>Last Date of Registration: 8<sup>th</sup> July, 2023</p> <p>The registration fee shall be paid through electronic fund transfer to<br/>A/C Name: Guru Nanak Institute of Technology<br/>A/C No.: 32454713045<br/>IFSC Code: SHIN0016642<br/>Branch: GNCC<br/>Bank: State Bank of India</p> | <p><b>Organizing Committee</b></p> <p><b>Chief Patron:</b></p> <ul style="list-style-type: none"> <li>Sardar Tarantji Singh, Managing Director, JIS Group</li> </ul> <p><b>Patron:</b></p> <ul style="list-style-type: none"> <li>Mr. Sumanpreet Singh, Director, JIS Group</li> </ul> <p><b>Program Chair:</b></p> <ul style="list-style-type: none"> <li>Prof. (Dr. Santanu Kr. Sen), Principal, GNIT</li> </ul> <p><b>Advisor:</b></p> <ul style="list-style-type: none"> <li>Dr. Debansu Saha, Associate Professor, EE Dept, GNIT</li> </ul> <p><b>Convener:</b></p> <ul style="list-style-type: none"> <li>Mr. Suman Ghosh, Asst. Prof., EE Dept, GNIT</li> </ul> <p><b>Joint-Convener:</b></p> <ul style="list-style-type: none"> <li>Dr. Debansu Saha, Associate Professor, EE Dept, GNIT</li> </ul> <p><b>Coordinator:</b></p> <ul style="list-style-type: none"> <li>Dr. Anand Chatterjee, Asst. Prof., EE Dept, GNIT</li> </ul> <p><b>Joint-Coordinator:</b></p> <ul style="list-style-type: none"> <li>Mr. Nityamal Roy, Asst. Prof., EE Dept, GNIT</li> </ul> <p><b>Members:</b></p> <ul style="list-style-type: none"> <li>Mr. Sumanpreet Singh, Asst. Prof., EE Dept, GNIT</li> <li>Ms. Rikta Majumdar, Asst. Prof., EE Dept, GNIT</li> <li>Mr. Madhusmita Chakrabarty, Asst. Prof., EE Dept, GNIT</li> <li>Mr. Anil Deb Nath, Asst. Prof., EE Dept, GNIT</li> <li>Ms. Sabitra Sen, JTA, EE Dept, GNIT</li> <li>Mr. Bapi Tarafdar, JTA, EE Dept, GNIT</li> <li>Mr. Vivekananda Kumar, JTA, EE Dept, GNIT</li> <li>Mr. Ansh Kumar Roy, JTA, EE Dept, GNIT</li> </ul> | <p><b>GNIT</b> <b>IASA</b> <b>JIS GROUP</b></p> <p><b>One Week Online Faculty Development Program On</b></p> <p><b>Energy Storage Systems for Sustainable Development</b></p> <p><b>11<sup>th</sup> – 15<sup>th</sup> July 2023</b></p> <p>Organized by<br/><b>Department of Electrical Engineering, Guru Nanak Institute of Technology, Kolkata</b></p> <p>Technically co-sponsored by<br/><b>IEEE Industry Applications Society, Kolkata Chapter</b></p> |  |
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Fig. 4.7.1.2k One Week Online Faculty Development Program on “Energy Storage Systems for Sustainable Development” technically co-sponsored by IEEE Industry Applications Society, Kolkata Chapter was organized by the Department of Electrical Engineering

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| <p><b>Kolkata, West Bengal, India</b><br/>15, Nilgunj Road, Shivajaya Apartment, Indira Nagar Block 3, Indira Nagar, Sodepur, Kolkata, West Bengal 700110, India<br/>Lat: 22.8953414<br/>Long: 88.578674<br/>17/07/23 11:40 AM GMT +05:30</p> <p>GPS Map Camera</p> | <p><b>ORGANIZING COMMITTEE</b></p> <p><b>Chief Patron:</b></p> <ul style="list-style-type: none"> <li>Sardar Tarantji Singh (MD, JIS Group)</li> <li>Sardar Sumanpreet Singh (Director, JIS Group)</li> </ul> <p><b>Patron:</b></p> <ul style="list-style-type: none"> <li>Dr. Sumanpreet Singh (Principal, GNIT)</li> <li>Dr. Anand Kumar Chakrabarty (Registrar, GNIT)</li> </ul> <p><b>Convener:</b></p> <ul style="list-style-type: none"> <li>Dr. Debansu Saha (Associate Professor, EE Dept, GNIT)</li> <li>Dr. Anand Chatterjee (Associate Professor, EE Dept, GNIT)</li> <li>Dr. Barnali Kundu (Associate Professor, EE Dept, GNIT)</li> </ul> <p><b>Coordinator:</b></p> <ul style="list-style-type: none"> <li>Dr. Anand Chatterjee (Associate Professor, EE Dept, GNIT)</li> <li>Dr. Debansu Saha (Associate Professor, EE Dept, GNIT)</li> </ul> <p><b>A/C Convener:</b></p> <ul style="list-style-type: none"> <li>Dr. Anand Chatterjee (Associate Professor, EE Dept, GNIT)</li> <li>Dr. Sumanpreet Singh (Associate Professor, EE Dept, GNIT)</li> <li>Ms. Sabitra Sen (JTA, EE Dept, GNIT)</li> <li>Mr. Bapi Tarafdar (JTA, EE Dept, GNIT)</li> <li>Mr. Vivekananda Kumar (JTA, EE Dept, GNIT)</li> <li>Mr. Ansh Kumar Roy (JTA, EE Dept, GNIT)</li> </ul> <p><b>Registration Information:</b></p> <p>Registration Fee: Rs. 400 (INR)<br/>A/C Name: Guru Nanak Institute of Technology<br/>A/C No.: 32454713045<br/>IFSC Code: SHIN0016642<br/>Branch: GNCC<br/>Bank: State Bank of India<br/>Link: <a href="https://forms.gle/fh8NcJWz9RqyL1tq6">https://forms.gle/fh8NcJWz9RqyL1tq6</a></p> <p><b>5 - Days International Faculty Development Program on AI for Sustainable Energy in Society 5.0</b><br/>from 11th to 15th April, 2024</p> <p>Jointly Organized by</p> <p><b>AIT</b> (Asian Institute of Technology)</p> <p><b>GNIT</b> (Guru Nanak Institute of Technology)</p> <p><b>CTS</b> (Cebu Technological State University)</p> <p><b>Department of Computer Science Engineering &amp; Department of Electrical Engineering</b></p> <p><b>TECHNICAL INSTRUCTORS FROM INDUSTRY EXPERTS</b></p> <p><b>Schneider</b></p> |
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