



# IEEE NE-IECCE



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2026 IEEE North-East India International Energy Conversion Conference and Exhibition

12<sup>th</sup> – 14<sup>th</sup> June 2026 | Department of Electrical Engineering | NIT Meghalaya | India

### Technical and Poster Sessions Schedule

#### NE-IECCE 2026

| Technical and Poster Sessions Schedule of 2 <sup>nd</sup> NE-IECCE 2026 |                                                                                                                                                                                                                                                                                              |                                                    |                    |
|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|--------------------|
| DAY 1                                                                   |                                                                                                                                                                                                                                                                                              |                                                    |                    |
| 12 <sup>th</sup> JUNE 2026 (FRIDAY)                                     |                                                                                                                                                                                                                                                                                              |                                                    |                    |
| Sessions                                                                | Paper Ids                                                                                                                                                                                                                                                                                    | Date and Timings                                   | Venue / Room       |
| Poster Session-1                                                        | 71, 308, 323, 328,<br>346, 347, 350, 423,<br>425, 481, 486, 527,<br>574, 587, 667, 669,<br>670, 671, 674, 685,<br>686, 690, 695, 696,<br>727, 851, 873, 888,<br>980, 996, 998, 1012,<br>1040, 1069, 1074,<br>1085, 1086, 1087,<br>1088, 1092, 1095,<br>1096, 1098, 1103,<br>1104, 1108, 1109 | 12 <sup>th</sup> June 2026,<br>04.00 pm – 04.30 pm | Lecture Hall Lobby |

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| DAY 2<br>13 <sup>th</sup> JUNE 2026 (SATURDAY)                                                                                 |                                                  |                                                    |              |
|--------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|----------------------------------------------------|--------------|
| Sessions                                                                                                                       | Paper Ids                                        | Date and Timings                                   | Venue / Room |
| <b>Oral Session -1</b><br><br>(SS-01: Advanced Converter Topologies for Sustainable and Efficient Power Conversion)            | <b>49, 128, 276, 280, 703, 929, 932, 1101</b>    | 13 <sup>th</sup> June 2026,<br>09.00 am – 11:00 am | <b>LH2</b>   |
| <b>Oral Session -2</b><br><br>(SS-02: Smart Intelligence for Sustainable and Secure Power Systems)                             | <b>190, 249, 299, 344, 382, 383</b>              | 13 <sup>th</sup> June 2026,<br>09.00 am – 11:00 am | <b>LH3</b>   |
| <b>Oral Session -3</b><br><br>(SS-03: Cybersecurity Frontiers in Smart Grids, Electric Mobility, and Renewable Energy Systems) | <b>166, 176, 555, 688, 890, 1062, 1076, 1082</b> | 13 <sup>th</sup> June 2026,<br>09.00 am – 11:00 am | <b>LH5</b>   |
| <b>Oral Session -4</b><br><br>(SS-04: Innovative Techniques and Challenges for Condition Monitoring of Power Equipment)        | <b>351, 471, 472, 529, 708, 1050, 1099</b>       | 13 <sup>th</sup> June 2026,<br>09.00 am – 11:00 am | <b>LH6</b>   |

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| Sessions                                                                                                                                              | Paper Ids                                      | Date and Timings                                          | Venue / Room                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------------------------------------------|---------------------------------|
| <b>Oral Session -5</b><br><br>(SS-05: Integration of EV Charging Infrastructure and Renewable Energy Sources: Challenges and Opportunities)           | <b>157, 289, 337, 629, 677, 769, 847, 879</b>  | <b>13<sup>th</sup> June 2026,<br/>09.00 am – 11:00 am</b> | <b>LH7</b>                      |
| <b>Oral Session -6</b><br><br>(SS-06: Intelligent Protection and Control Strategies for Renewable Dominated Microgrids Under Intermittent Conditions) | <b>283, 410, 713, 859, 897, 885, 905, 1000</b> | <b>13<sup>th</sup> June 2026,<br/>09.00 am – 11:00 am</b> | <b>LH8</b>                      |
| <b>Oral Session -7</b><br><br>(SS-07: Sustainable Energy Infrastructure through Solar PV and Energy Storage Integration-I)                            | <b>84, 172, 213, 241, 290, 291, 979</b>        | <b>13<sup>th</sup> June 2026,<br/>09.00 am – 11:00 am</b> | <b>LH10</b>                     |
| <b>Oral Session -8</b><br><br>(SS-08: Next-Generation Power Electronics Interfaces for Green Energy Integrated EV Charging Systems)                   | <b>311, 335, 480, 827, 906, 914, 981</b>       | <b>13<sup>th</sup> June 2026,<br/>09.00 am – 11:00 am</b> | <b>Seminar Hall<br/>Block C</b> |

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| Sessions                                                                                                                                       | Paper Ids                                   | Date and Timings                                   | Venue / Room                    |
|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|----------------------------------------------------|---------------------------------|
| <b>Oral Session -9</b><br><br>(SS-09: Innovations in Modeling, Operation, and Intelligent Control of Smart Microgrids)                         | 242, 274, 719, 728, 761, 915,<br>982        | 13 <sup>th</sup> June 2026,<br>09.00 am – 11:00 am | <b>Meeting Room<br/>Block C</b> |
| <b>Oral Session -10</b><br><br>(SS-10: Energy Policy, Electricity Market Reform, and Demand Side Management for Smarter Distribution Networks) | 141, 278, 353, 511, 815, 816,<br>1051, 1089 | 13 <sup>th</sup> June 2026,<br>09.00 am – 11:00 am | <b>CC-101<br/>Block C</b>       |
| <b>Oral Session -11</b><br><br>(Power Systems and Smart Grids-I)                                                                               | 83, 116, 127, 138, 148, 163,<br>171, 1090   | 13 <sup>th</sup> June 2026,<br>09.00 am – 11:00 am | <b>CC-102<br/>Block C</b>       |

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| Sessions                                                   | Paper Ids                                                                                                                                                                                                                                                                     | Date and Timings                                   | Venue / Room          |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-----------------------|
| Poster Session-2                                           | 63, 72, 134, 139, 140,<br>167, 168, 177, 186,<br>220, 223, 244, 247,<br>248, 253, 261, 275,<br>286, 292, 293, 301,<br>303, 666, 704, 711,<br>721, 723, 726, 731,<br>813, 817, 825, 834,<br>856, 862, 886, 909,<br>910, 921, 928, 938,<br>943, 1061, 1093, 1100,<br>1102, 1105 | 13 <sup>th</sup> June 2026,<br>04.15 pm – 04.45 pm | Lecture Hall<br>Lobby |
|                                                            |                                                                                                                                                                                                                                                                               |                                                    |                       |
| Oral Session -12<br>(Power Systems and<br>Smart Grids-II)  | 228, 262, 268, 287,<br>295, 318, 528, 933                                                                                                                                                                                                                                     | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | LH2                   |
| Oral Session -13<br>(Power Systems and<br>Smart Grids-III) | 783, 793, 826, 830, 842                                                                                                                                                                                                                                                       | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | LH3                   |

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| Sessions                                                                                                          | Paper Ids                                      | Date and Timings                                   | Venue / Room |
|-------------------------------------------------------------------------------------------------------------------|------------------------------------------------|----------------------------------------------------|--------------|
| <b>Oral Session -14</b><br><br>(Modeling and Control of Power Electronic Converters, Devices, and Components-I)   | <b>131, 187, 193, 202, 210, 229, 607, 678</b>  | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>LH5</b>   |
| <b>Oral Session -15</b><br><br>(Modeling and Control of Power Electronic Converters, Devices, and Components-II)  | <b>245, 279, 302, 304, 306, 317, 321, 336</b>  | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>LH6</b>   |
| <b>Oral Session -16</b><br><br>(Modeling and Control of Power Electronic Converters, Devices, and Components-III) | <b>392, 550, 556, 595, 700, 701, 871, 1021</b> | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>LH7</b>   |
| <b>Oral Session -17</b><br><br>(Energy-Efficient Drives for Electric Transportation-I)                            | <b>55, 135, 145, 146, 173, 307, 345, 617</b>   | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>LH8</b>   |
| <b>Oral Session -18</b><br><br>(Energy-Efficient Drives for Electric Transportation-II)                           | <b>698, 802, 835, 850, 889, 891, 892, 1091</b> | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>LH10</b>  |

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| Sessions                                                                                      | Paper Ids                                          | Date and Timings                                   | Venue / Room                  |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-------------------------------|
| <b>Oral Session -19</b><br>(Smart and Sustainable Charging Infrastructure for E-Mobility)     | 142, 908, 919, 961, 1011, 1075                     | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>Seminar Hall Block C</b>   |
| <b>Oral Session -20</b><br>(Energy Conversion and Rural Electrification-I)                    | 24, 114, 117, 144, 215, 233, 236, 340              | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>Meeting Room Block C</b>   |
| <b>Oral Session -21</b><br>(Computational Intelligence and Cyber Security)                    | 96, 149, 309, 314, 332, 743, 854, 855              | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>CC-101 Block C</b>         |
| <b>Oral Session -22</b><br>(Automation, Control and Digitisation for Industry Applications-I) | 76, 82, 100, 285, 316, 325, 673, 683               | 13 <sup>th</sup> June 2026,<br>04.45 pm – 06.45 pm | <b>CC-102 Block C</b>         |
| <b>DAY 3</b><br>14 <sup>th</sup> JUNE, 2026 (SUNDAY)                                          |                                                    |                                                    |                               |
| <b>Oral Session – 23</b>                                                                      | 121, 136, 282, 338, 405, 494, 725, 797, 838        | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>Power Systems Lab</b>      |
| <b>Oral Session – 24</b>                                                                      | 122, 126, 216, 269, 284, 288, 577, 680, 1079, 1080 | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>Power Systems Lab</b>      |
| <b>Oral Session – 25</b>                                                                      | 90, 330, 641, 687, 707, 836, 870, 941              | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>Meeting Room (Block A)</b> |

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| Sessions                                                                                                                                 | Paper Ids                                               | Date and Timings                                   | Venue / Room                  |
|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|-------------------------------|
| <b>Oral Session – 26</b>                                                                                                                 | 715, 833, 861, 1043,<br>1044, 1046, 1056,<br>1083, 1084 | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>Control<br/>System Lab</b> |
| <b>Oral Session -27</b><br><br>(SS-07: Sustainable<br>Energy Infrastructure<br>through Solar PV and<br>Energy Storage<br>Integration-II) | 710, 714, 853, 868,<br>901, 902, 965                    | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>LH2</b>                    |
| <b>Oral Session -28</b><br><br>(Power Systems and<br>Smart Grids-IV)                                                                     | 596, 672, 875, 882,<br>884, 900, 912, 917               | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>LH3</b>                    |
| <b>Oral Session -29</b><br><br>(Power Systems and<br>Smart Grids-V)                                                                      | 934, 956, 1094, 1097,<br>1106, 1110, 1111               | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>LH5</b>                    |
| <b>Oral Session -30</b><br><br>(Modeling and Control of<br>Power Electronic<br>Converters, Devices, and<br>Components-IV)                | 705, 730, 805, 814,<br>866, 869, 881                    | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>LH6</b>                    |
| <b>Oral Session -31</b><br><br>(Modeling and Control of<br>Power Electronic<br>Converters, Devices, and<br>Components-V)                 | 887, 893, 894, 907,<br>969, 975, 988                    | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>LH7</b>                    |

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| Sessions                                                                                                                      | Paper Ids                                               | Date and Timings                                   | Venue / Room                |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|-----------------------------|
| <b>Oral Session -32</b><br><br>(SS-07: Sustainable Energy Infrastructure through Solar PV and Energy Storage Integration-III) | <b>621, 622, 656, 679, 702, 989</b>                     | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>Meeting Room Block C</b> |
| <b>Oral Session -33</b><br><br>(Energy Conversion and Rural Electrification-II)                                               | <b>94, 488, 640, 668, 718, 790, 924, 1053</b>           | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>CC-101 Block C</b>       |
| <b>Oral Session -34</b><br><br>(Automation, Control and Digitisation for Industry Applications-II)                            | <b>102, 509, 709, 773, 789, 878, 1078</b>               | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>CC-102 Block C</b>       |
| <b>Oral Session – 35</b>                                                                                                      | <b>255, 259, 258, 513, 631, 639, 693, 899, 937, 973</b> | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>Control System Lab</b>   |

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|-------------------|----------------------------|----------------------------------------------------|---------------------------|
| Oral Session – 36 | 657, 659, 801, 863,<br>918 | 14 <sup>th</sup> June 2026,<br>09.00 am – 10.30 am | <b>CA-101<br/>Block A</b> |
|-------------------|----------------------------|----------------------------------------------------|---------------------------|

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