

**Department of Electrical and Electronics Engineering**  
**IEEE Power Electronics Society NHCE Student Branch Chapter**  
**(Geo-Code: SBC66131)**

**Event Organised Details**

Sl. No	Name of the Event	Date	Resource Person	No. of Participants	Event Link	YouTube Link
1.	Webinar on "IEEE Awareness Talk"	6 <sup>th</sup> May 2021 Thursday 02.00 PM – 04.00 PM	<b>Dr. Rajesh M. Pindoriya</b> Project Engineer, Indian Institute of Technology, Mandi	Faculty: 40 Research Scholar: 10 Students: 117 Industry: 3  <b>Total No. of Participants: 170</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/national-webinar-on-ieee-awareness-talk/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/national-webinar-on-ieee-awareness-talk/</a>  <a href="https://events.vtools.ieee.org/m/274726">https://events.vtools.ieee.org/m/274726</a>	<a href="https://www.youtube.com/watch?v=uKiT5j3S-yM">https://www.youtube.com/watch?v=uKiT5j3S-yM</a>
2.	Webinar on "Power Electronics Converters for Smart Microgrid"	31 <sup>st</sup> May 2021 Monday 06.00 PM – 07.30 PM	<b>Dr. M. Kowsalya</b> Professor Department of Energy and Power Electronics School of Electrical Engineering Vellore Institute of Technology Vellore - 632014, Tamil Nadu, India	Faculty: 33 Research Scholar: 14 Students: 136 Industry: 2  <b>Total No. of Participants: 185</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/power-electronics-converters-for-smart-microgrid/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/power-electronics-converters-for-smart-microgrid/</a>  <a href="https://events.vtools.ieee.org/m/274716">https://events.vtools.ieee.org/m/274716</a>	<a href="https://www.youtube.com/watch?v=Q0L8TPF2Gg8">https://www.youtube.com/watch?v=Q0L8TPF2Gg8</a>
3.	International Webinar on "Controlling Megawatts with Power Electronics"	11 <sup>th</sup> June 2021 Friday 05.00 PM – 06.30 PM	<b>Dr. Tobias Geyer</b> ABB Medium - Voltage Drives, Switzerland	Faculty: 26 Research Scholar: 5 Students: 153 Industry: 1  <b>Total No. of Participants: 185</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/international-webinar-on-controlling-megawatts-with-power-electronics/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/international-webinar-on-controlling-megawatts-with-power-electronics/</a>  <a href="https://events.vtools.ieee.org/m/274712">https://events.vtools.ieee.org/m/274712</a>	<a href="https://www.youtube.com/watch?v=FV4HdwFGuIc">https://www.youtube.com/watch?v=FV4HdwFGuIc</a>

4.	Webinar on “Stress Management and Meditation”	5 <sup>th</sup> June 2021 Saturday 10.30 AM – 11.30 AM	<b>Ms. B.K.Chaya, Raj</b> Yoga Teacher, Brahma Kumaris, Bangalore	Students:19  <b>Total No. of Participants: 19</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/webinar-on-stress-management-and-meditation/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/webinar-on-stress-management-and-meditation/</a>  <a href="https://events.vtools.ieee.org/m/274721">https://events.vtools.ieee.org/m/274721</a>	<a href="https://www.youtube.com/watch?v=jfeajE4rgJY">https://www.youtube.com/watch?v=jfeajE4rgJY</a>
5.	IEEE PELS NHCE SBC Inaugural Ceremony	15 <sup>th</sup> June 2021 Tuesday 10.00 AM – 11.00 AM	<b>Mr. Vishal Anand A G</b> Chair, IEEE PELS Bangalore Chapter & Principal Engineer Bloom Energy (I) Pvt Ltd, Bengaluru, India	Faculty: 30 Research Scholar: 1 Students:66 Industry: 2  <b>Total No. of Participants: 99</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/eee-department-organized-ieee-pels-nhce-student-branch-chapter-inaugural-ceremony/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/eee-department-organized-ieee-pels-nhce-student-branch-chapter-inaugural-ceremony/</a>  <a href="https://events.vtools.ieee.org/m/274714">https://events.vtools.ieee.org/m/274714</a>	<a href="https://www.youtube.com/watch?v=7QFgv8QPGPA">https://www.youtube.com/watch?v=7QFgv8QPGPA</a>
6.	Webinar on "Idea to product: A research Pathway”	19 <sup>th</sup> June 2021 Saturday 04.00 PM – 05.00 PM	<b>Mr. Ramneek Kalra</b> IEEE Impact Creator & Author at IEEE e-Books	Students:68  <b>Total No. of Participants: 68</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/department-of-eee-organized-webinar-on-idea-to-product-a-research-pathway/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/department-of-eee-organized-webinar-on-idea-to-product-a-research-pathway/</a>  <a href="https://events.vtools.ieee.org/m/275407">https://events.vtools.ieee.org/m/275407</a>	-
7.	Webinar on “Students’ Perception and Preference for Online Education in India During COVID -19 Pandemic”	26 <sup>th</sup> June 2021 Saturday 04.00 PM – 05.00 PM	<b>Dr. Muthuprasad T</b> Scientist-B (Forest Economics) Division of Forestry Statistics Directorate of Administration ICFRE (Head Quarters) Dehradun	Faculties:102  <b>Total No. of Participants: 102</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/department-of-eee-organized-students-perception-and-preference-for-online-education-in-india-during-covid-19-pandemic/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/department-of-eee-organized-students-perception-and-preference-for-online-education-in-india-during-covid-19-pandemic/</a>  <a href="https://events.vtools.ieee.org/m/275535">https://events.vtools.ieee.org/m/275535</a>	-
8.	Webinar on “Real Time Implementation of Switch Mode DC Converter”	30 <sup>th</sup> June 2021 Wednesday 05.00 PM – 06.30 PM	<b>Dr. R. Saravanakumar</b> Professor Department of Control and Automation School of Electrical Engineering Vellore Institute of Technology Vellore - 632014, Tamil Nadu, India	Faculty: 23 Students:140  <b>Total No. of Participants: 163</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/webinar-on-real-time-implementation-of-switch-mode-dc-converter/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/webinar-on-real-time-implementation-of-switch-mode-dc-converter/</a>  <a href="https://events.vtools.ieee.org/m/274719">https://events.vtools.ieee.org/m/274719</a>	<a href="https://www.youtube.com/watch?v=NzkcLCQExV0">https://www.youtube.com/watch?v=NzkcLCQExV0</a>
9.	Webinar on “Simulation Model for Prediction of Optimum fuel economy”	6 <sup>th</sup> July 2021 Tuesday 11.00 AM – 01.00 PM	<b>Dr. Mariappan Vallikan</b> Deputy Manager, Valeo India Pvt Ltd, Chennai	Students:102  <b>Total No. of Participants: 102</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/eee-department-organized-a-guest-lecture-on-simulation-model-for-prediction-of-optimum-fuel-economy/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/eee-department-organized-a-guest-lecture-on-simulation-model-for-prediction-of-optimum-fuel-economy/</a>  <a href="https://events.vtools.ieee.org/m/276478">https://events.vtools.ieee.org/m/276478</a>	<a href="https://www.youtube.com/watch?v=a3_UoEWzcJo">https://www.youtube.com/watch?v=a3_UoEWzcJo</a>

10.	Technical Event on “PRAUDYOGEEK”	9 <sup>th</sup> – 10 <sup>th</sup> July 2021,  05.00 PM – 07.30 PM	<b>NHCE</b>	Students:132  <b>Total No. of Participants: 132</b>	<a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/department-of-eee-organized-technical-event-on-praudyogeeek/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/department-of-eee-organized-technical-event-on-praudyogeeek/</a>  <a href="https://events.vtools.ieee.org/m/275802">https://events.vtools.ieee.org/m/275802</a>	<a href="https://www.youtube.com/watch?v=DSvZehV7AF0">https://www.youtube.com/watch?v=DSvZehV7AF0</a>
11.	Webinar Series on “Smart Grid Integration & Energy Storage Systems”	10 <sup>th</sup> – 16 <sup>th</sup> July 2021,  10.30 AM- 11.30 AM	<b>Mr. Thirivalum Marban</b> Manager Vi-Micro Systems, Chennai.  <b>Dr. S. U. Prabha</b> Professor & Head Department of Electrical and Electronics Engineering Sri Ramakrishna Engineering College, Coimbatore  <b>Dr. A. Immanuel Selvakumar</b> Professor Department of Electrical and Electronics Engineering Karunya Institute of Technology and Sciences, Coimbatore  <b>Dr. K. Selvakumar</b> Assistant Professor Department of Electrical and Electronics Engineering SRM Institute of Science and Technology, Chennai  <b>Mr. K. Maharaja</b> Lecturer Department of Engineering University of Technology and Applied Sciences, Al Musannah, Oman  <b>Mr. S. Selvakumar</b>	Faculty: 150 Students:30  <b>Total No. of Participants: 180</b>	<a href="https://events.vtools.ieee.org/m/276244">https://events.vtools.ieee.org/m/276244</a>	<a href="https://www.youtube.com/watch?v=xo6LUNEvJcA">https://www.youtube.com/watch?v=xo6LUNEvJcA</a>

			<p>Business Head Power Project, Chennai</p> <p><b>Dr. K. Vinoth Kumar</b> Associate Professor, Department of Electrical and Electronics Engineering New Horizon College of Engineering, Bengaluru</p>			
12.	Distinguished Lecture on “Model predictive control in power electronics: a critical review and recent industrial products”	29 <sup>th</sup> September 2021, Wednesday  05.00 PM – 07.00 PM	<p><b>Dr. Tobias Geyer</b> ABB Corporate Research, Switzerland, and Stellenbosch University, South Africa</p>	<p>Faculty: 8 Students:57 Research Scholars: 6 Industry:1</p> <p><b>Total No. of Participants: 72</b></p>	<p><a href="https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/distinguished-lecture-program-on-model-predictive-control-in-power-electronics-a-critical-review-and-recent-industrial-products/">https://newhorizonindia.edu/nhengineering/department-of-electrical-and-electronics-engineering/distinguished-lecture-program-on-model-predictive-control-in-power-electronics-a-critical-review-and-recent-industrial-products/</a></p> <p><a href="https://events.vtools.ieee.org/m/281172">https://events.vtools.ieee.org/m/281172</a></p>	<a href="https://www.youtube.com/watch?v=3K9t4Nqo92U">https://www.youtube.com/watch?v=3K9t4Nqo92U</a>
13.	Distinguished Lecture on “Wide Bandgap (WBG) Power Electronics Systems for Heavy-Duty Vehicles”	23 <sup>rd</sup> October 2021, Saturday  08.00 AM – 10.00 AM	<p><b>Dr. Brij N. Singh</b> John Deere Inc., USA</p>	<p>Faculty: 18 Students:39 Research Scholars: 14</p> <p><b>Total No. of Participants: 71</b></p>	<p><a href="https://newhorizonindia.edu/nhengineering/events/online-distinguished-lecture-on-wide-bandgap-wbg-power-electronics-systems-for-heavy-duty-vehicles/">https://newhorizonindia.edu/nhengineering/events/online-distinguished-lecture-on-wide-bandgap-wbg-power-electronics-systems-for-heavy-duty-vehicles/</a></p> <p><a href="https://events.vtools.ieee.org/m/286123">https://events.vtools.ieee.org/m/286123</a></p>	<a href="https://www.youtube.com/watch?v=ybkYk4p8NMw">https://www.youtube.com/watch?v=ybkYk4p8NMw</a>
14.	Distinguished Lecture on “Long-horizon finite control set model predictive control: theory, implementation and applications”	16 <sup>th</sup> March 2022, Wednesday  06.00 PM – 08.00 PM	<p><b>Dr. Tobias Geyer</b> ABB Corporate Research, Switzerland, and Stellenbosch University, South Africa</p>	<p>Faculty: 2 Students:140 Research Scholars: 2</p> <p><b>Total No. of Participants: 144</b></p>	<p><a href="https://newhorizonindia.edu/nhengineering/events/distinguished-lecture-program-on-long-horizon-finite-control-set-model-predictive-control-theory-implementation-and-applications/">https://newhorizonindia.edu/nhengineering/events/distinguished-lecture-program-on-long-horizon-finite-control-set-model-predictive-control-theory-implementation-and-applications/</a></p> <p><a href="https://events.vtools.ieee.org/m/308409">https://events.vtools.ieee.org/m/308409</a></p>	<a href="https://www.youtube.com/watch?v=57ID89_hGWM">https://www.youtube.com/watch?v=57ID89_hGWM</a>
15.	Seminar on “Intellectual Property Rights (IPR): Protect Your Creativity With Patent’	25 <sup>th</sup> May 2022, Wednesday  02.00 PM – 04.00 PM	<p><b>Dr. V Agalya</b> Professor – EEE and Associate Head R&amp;D, NHCE</p>	<p>Faculty: 2 Students:47</p> <p><b>Total No. of Participants: 49</b></p>	<a href="https://events.vtools.ieee.org/m/315323">https://events.vtools.ieee.org/m/315323</a>	--

16.	Faculty Development Programme on “Research Potential in Advanced Power Electronics & Renewable Energy ”	23 <sup>rd</sup> May 2022 – 31 <sup>st</sup> May 2022, Monday - Tuesday 09.30 AM – 04.45 PM	<p><b>Dr. B. Venkatesa Perumal,</b> Professor, Department of Electrical &amp; Electronics Engineering, National Institute of Technology Karnataka, Surathkal</p> <p><b>Dr. Hari Om Bansal,</b> Professor, Department of Electrical and Electronics Engineering, Birla Institute of Technology &amp; Science, Pilani, Pilani Campus</p> <p><b>Dr. Dogga Raveendhra,</b> Associate Professor, Department of Electrical and Electronics Engineering, Gokaraju Rangaraju Institute of Engineering &amp; Technology, Kukatpally, Hyderabad</p> <p><b>Mr. Vishal Anand A G,</b> Principal Engineer, Bloom Energy (I) Pvt Ltd, Bengaluru</p> <p><b>Dr. B L Narasimharaju,</b> Associate Professor, Department of Electrical Engineering, National Institute of Technology Warangal</p> <p><b>Dr. S. Senthil Kumar,</b> Associate Professor, Department of Electrical and Electronics Engineering, National Institute of Technology, Tiruchirappalli</p> <p><b>Er. V.K Arun Shankar,</b> Testing Engineer, Danfoss Drives Segment - R&amp;D (SW) Sriperumbudur</p> <p><b>Dr. Vinoth Kumar K,</b> Associate Professor, Department of Electrical and Electronics Engineering, New Horizon College of Engineering, Bengaluru</p> <p><b>Dr. V V Satyakar,</b> Adhoc</p>	Faculty: 52 Students:4 Research Scholars: 4  <b>Total No. of Participants: 60</b>	<p><a href="https://newhorizonindia.edu/nhengineering/events/faculty-development-programme-on-research-potential-in-advanced-power-electronics-renewable-energy/">https://newhorizonindia.edu/nhengineering/events/faculty-development-programme-on-research-potential-in-advanced-power-electronics-renewable-energy/</a></p> <p><a href="https://events.vtools.ieee.org/m/305424">https://events.vtools.ieee.org/m/305424</a></p>	--
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