



# VIT<sup>®</sup>

Vellore Institute of Technology  
(Deemed to be University under section 3 of UGC Act, 1956)



## School of Electronics Engineering (SENSE)

ANRF Sponsored

2<sup>nd</sup> International Conference

Next Generation Electronics

NEleX-2026



### CONFERENCE SCHEDULE

Day 1: Friday, May 8, 2026			
08:30 am - 10:00 am	Registration   Venue: Technology Tower (Main Portico)		
10:00 am - 11:00 am	Inauguration   Venue: Ambedkar Auditorium Chief Guest   Shri. Koteswaran S, Global Director @ HCL Technology Limited, Chennai. Guest of Honour   Dr. Sawal Hamid Md Ali, Professor, Universiti Kebangsaan Malaysia.		
11:10 am - 11:25 am	High Tea   Venue: Amphitheatre, Technology Tower		
Offline Keynote Sessions			
11:25 am - 11:50 am	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> <p><i>Keynote 1</i>   Venue: TT Gallery I</p> <p><b>Speaker   Shri. Koteswaran S</b></p> <p>Global Director @ HCL Technology Limited, Chennai.</p> <p><b>Chief Guest and Keynote Speaker</b></p> <p>Chair: Dr. Sakthivel R</p> </td> <td style="width: 50%; text-align: center;"> <p><i>Keynote 2</i>   Venue: TT Gallery II</p> <p><b>Speaker   Dr. Mohd Riduan Bin Ahmad</b></p> <p>Faculty of Electronics and Computer Technology and Engineering (FTKEK)</p> <p>Universiti Teknikal Malaysia Melaka (UTeM)</p> <p>Chair: Dr. Kittur Harish Mallikarjun</p> </td> </tr> </table>	<p><i>Keynote 1</i>   Venue: TT Gallery I</p> <p><b>Speaker   Shri. Koteswaran S</b></p> <p>Global Director @ HCL Technology Limited, Chennai.</p> <p><b>Chief Guest and Keynote Speaker</b></p> <p>Chair: Dr. Sakthivel R</p>	<p><i>Keynote 2</i>   Venue: TT Gallery II</p> <p><b>Speaker   Dr. Mohd Riduan Bin Ahmad</b></p> <p>Faculty of Electronics and Computer Technology and Engineering (FTKEK)</p> <p>Universiti Teknikal Malaysia Melaka (UTeM)</p> <p>Chair: Dr. Kittur Harish Mallikarjun</p>
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11:50 am - 12:15 pm	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; text-align: center;"> <p><i>Keynote 3</i>   Venue: TT Gallery I</p> <p><b>Speaker   Dr. Santanu Karmakar DRDO Scientist</b></p> <p>DRDO Complex, C.V. Raman Nagar, Bengaluru, Karnataka, 560093.</p> <p>Chair: Dr. Vijay kumar</p> </td> <td style="width: 50%; text-align: center;"> <p><i>Keynote 4</i>   Venue: TT Gallery II</p> <p><b>Speaker   Dr. Rama Krishna Sai Gorthi</b></p> <p>Associate Professor.</p> <p>Department of Electrical Engineering, IIT Tirupathi, Tirupati -India.</p> <p>Chair: Dr. Sri Adibhatla Sridevi</p> </td> </tr> </table>	<p><i>Keynote 3</i>   Venue: TT Gallery I</p> <p><b>Speaker   Dr. Santanu Karmakar DRDO Scientist</b></p> <p>DRDO Complex, C.V. Raman Nagar, Bengaluru, Karnataka, 560093.</p> <p>Chair: Dr. Vijay kumar</p>	<p><i>Keynote 4</i>   Venue: TT Gallery II</p> <p><b>Speaker   Dr. Rama Krishna Sai Gorthi</b></p> <p>Associate Professor.</p> <p>Department of Electrical Engineering, IIT Tirupathi, Tirupati -India.</p> <p>Chair: Dr. Sri Adibhatla Sridevi</p>
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12:15 pm - 12:40 pm	<i>Keynote 5   Venue: TT Gallery II</i> <b>Speaker   Er. Vishwas Saxena</b> <i>Distinguished Engineer, SanDisk Emerging Technology Solutions,</i> <i>Bangalore, Karnataka, India.</i> Chair: Dr. Konguvel E				<i>Keynote 6   Venue: TT Gallery I</i> <b>Speaker   Dr. Sawal Hamid Md Ali</b> Professor, <i>Universiti Kebangsaan Malaysia.</i> Chair: Dr. Mythili A				
12:40 pm - 01:05 pm	<i>Keynote 7   Venue: TT Gallery II</i> <b>Speaker   Dr. Ritu Karidhal Srivastava</b> Deputy Director, <i>ISRO, Bangalore</i> Chair: Dr. Sundar S				-				
01:05 pm - 02:15 pm	Conference Lunch   Venue: CS Hall								
	SS		MT						
2:15 pm- 4:00 pm	Venue: TT501 <b>Session 1</b>  Chairs Dr. Prakasam P Dr. Srinivasa Rao	Venue: TT502 <b>Session 2</b>  Chairs Dr. Shelja Dr. Mohan Kumar P	Venue: TT601 <b>Session 3</b>  Chairs Dr. Rohit Mathur Dr. Vijaya Durga Chintala	Venue: TT603 <b>Session 4</b>  Chairs Dr. Vinoth Babu K Dr. Subhra Sankha Sarma	Venue: TT704 <b>Session 5</b>  Chairs Dr. Sangeetha A Dr. Aarthi G	Venue: TT727 <b>Session 6</b>  Chairs Dr. Budhaditya Bhattacharyya Dr. Boopalan G	Venue: TT312 <b>Session 7</b>  Chairs Dr. Vaegae Naveen Kumar Dr. Malaya Kumar Hota	Venue: TT134 <b>Session 8</b>  Chairs Dr. Ragnath G Dr. Vishal Gupta	Venue: TT144 <b>Session 9</b>  Chairs Dr. Ananthkrishna Chintanpalli Dr. Jeeva J B
	<b>1362</b>	<b>3435</b>	<b>154</b>	<b>2156</b>	<b>88</b>	<b>144</b>	<b>107</b>	<b>2272</b>	<b>858</b>
	<b>2200</b>	<b>3463</b>	<b>416</b>	<b>2850</b>	<b>518</b>	<b>430</b>	<b>794</b>	<b>3454</b>	<b>891</b>
	<b>2708</b>	<b>3493</b>	<b>488</b>	<b>3025</b>	<b>742</b>	<b>1344</b>	<b>898</b>	<b>2560</b>	<b>961</b>
	<b>2743</b>	<b>3717</b>	<b>579</b>	<b>3078</b>	<b>1026</b>	<b>1891</b>	<b>924</b>	<b>2692</b>	<b>998</b>
	<b>3046</b>	<b>3768</b>	<b>708</b>	<b>3124</b>	<b>1147</b>	<b>3340</b>	<b>953</b>	<b>2847</b>	<b>3146</b>
	<b>3083</b>	<b>3852</b>	<b>847</b>	<b>3156</b>	<b>1688</b>	<b>3632</b>	<b>1042</b>	<b>2916</b>	<b>2215</b>
	<b>3193</b>	<b>1360</b>	<b>925</b>	<b>3489</b>	<b>3132</b>	<b>3776</b>	<b>1123</b>	<b>3088</b>	<b>2566</b>
	<b>1409</b>	<b>1158</b>	<b>956</b>	<b>3564</b>	<b>3473</b>	<b>3243</b>	<b>1199</b>	<b>3320</b>	<b>2600</b>
	<b>1148</b>	<b>3790</b>	<b>1093</b>	<b>3871</b>	<b>3533</b>	<b>3267</b>	<b>3949</b>	<b>3860</b>	<b>2786</b>
						<b>3331</b>			

4:15 pm – 6:15 pm	Vellore Fort- Visit
6:30 pm Onwards	Conference Dinner   Venue: CS Hall

**Day 2: Saturday, May 9, 2026**

SESSIONS	Online Technical Sessions   Paper IDs   09:30 am – 12:00 pm						
	Venue: TT601 <b>Session 10</b>	Venue: TT603 <b>Session 11</b>	Venue: TT704 <b>Session 12</b>	Venue: TT727 <b>Session 13</b>	Venue: TT312 <b>Session 14</b>	Venue: TT134 <b>Session 15</b>	Venue: TT144 <b>Session 16</b>
	Chairs Dr. Shankar T Dr. Yogesh Kumar Choukiker	Chairs Dr. Gerardine Immaculate Mary Dr. Sumit Kumar Jindal	Chairs Dr. Abhijit Bhowmick Dr. Rajalakshmi S	Chairs Dr. Debashis Maji Dr. Indrasen Singh	Chairs Dr. Ravi S Dr. Suresh Kumar TR Dr. Chitrakant Sahu	Chairs Dr. Mohiul Islam Dr. Sandeep Moparthi	Chairs Dr. L. Agilandeewari Dr. Anish Kumar G
09:30 am – 12:30 pm	496 638 697 907 996 1035 1059 2166 2264 2299 2427 2491	404 955 1080 1117 1118 1143 1823 1855 2026 2522 2946 3007	328 340 649 994 1210 1320 1391 1893 2128 3541 3447 1381 2472	1782 1859 1936 2630 3054 3178 3303 3347 3745 3013 3145 3154 3667	112 653 987 1049 1069 1090 1166 1188 1717 2452 2558 2793 3599	795 913 914 1025 1161 1044 1427 1735 1920 2497 2652 2965 3437	1327 2442 3476 3486 3832 2884 3222 3255 3274 3433 3482 3583
12:30 pm - 02:00 pm	Conference Lunch   Venue: CS Hall						

Offline Keynote Sessions	
02:00 pm- 02:30 pm	<p style="text-align: center;"><i>Keynote 8</i></p> <p style="text-align: center;">Venue: Dr. Ambedkar Auditorium</p> <p><b>Speaker   Dr. Balaji Srinivasan Professor</b>            Department of Electrical Engineering, Indian Institute of Technology Madras,            IIT P.O. Chennai, Tamil Nadu – 600036, India.            Chair: Dr. Sathya P</p>
02:30 pm- 03:00 pm	<p style="text-align: center;"><i>Keynote 9</i></p> <p style="text-align: center;">Venue: Dr. Ambedkar Auditorium</p> <p><b>Speaker   Dr. Donghyun Kim Professor</b>            School of Electrical and Electronic Engineering, Yonsei University, Seoul, Korea 03722.            Chair: Dr. Sivakumar R</p>
03:00 pm- 03:30 pm	<p style="text-align: center;"><i>Keynote 10</i></p> <p style="text-align: center;">Venue: Dr. Ambedkar Auditorium</p> <p><b>Speaker   Mr. Rajat Duggal,</b>            Architecture &amp; Specifications, R&amp;D, Nokia Networks            Chair: Dr. Sangeetha N</p>
03:30 pm- 04:00 pm	<p style="text-align: center;"><i>Keynote 11</i></p> <p style="text-align: center;">Venue: Dr. Ambedkar Auditorium</p> <p><b>Speaker   Dr. N P Padhy,</b>            Director and Professor,  <i>Malaviya National Institute of Technology,</i>  <i>J.L.N. Marg MNIT Campus, Jaipur, India.</i>            Chair: Dr. Malaya Kumar Hota</p>

Online Technical Sessions | Paper IDs  
3:30 pm – 5:30 pm | SS

	Online Technical Sessions   Paper IDs 3:30 pm – 5:30 pm   SS			
	Venue: TT501 Chair: Dr. Sathya P Dr. Nisha J S Session 17	Venue: TT502 Chair: Dr. Swarna Priya RM Dr. B Prabadevi Session 18	Venue: TT232 Chair: Dr. Ashish P Dr. M Vinodhini Session 19	Venue: TT144 Chair: Dr. Rohit Mathur Dr. Vijaykumar Peroumal Session 20
	2544 3565 2670 3838 2754 3853 2914 3870 3032 3972 3438 3640 3138 2038	2601 3175 2611 3537 2643 3760 2644 3866 2724 3900 2896 2865 1197 1236	1496 2568 1988 2790 2033 2812 2061 3044 2253 3106 2254 3728 2039 1052	2445 3762 2745 3174 3324 3628 3356 3639 3659 3651 3751 3655