

PRESENTATION SCHEDULE
International Conference on “Advances in Renewable Energy &
Electric Vehicles” (AREEV-2026)

05-02-2026	Keynote Lecture 1	Time: 11.30am-12.30pm Venue: Abhyuday Seminar Hall
	Dr. Ramnarayan Patel Department of Electrical and Electronics Engineering National Institute of Technology Raipur	
05-02-2026	AREEV Session 1	
	Time: 1:30pm-2:45pm Venue: PG & Research Lab, Third Floor, Sir MV Block	
ID	Paper Title and Authors	
34	Health Monitoring Systems for EV Battery <i>Sasmita C S, Anbusevi Mathivanan, Saravanan Palaniswamy, Selvam M</i>	
35	Renewable Energy: A Path Towards Sustainable Development <i>Mrs. Champa PN, Mrs. Raksha S, Mrs.Madhushree K J, Mrs.Pavithra B B</i>	
42	Extended Kalman Filter based SOC estimation of Lithium - Ion Battery <i>Girisha Joshi</i>	
45	Microinverter Using Li-Ion Battery <i>Pradeep Kumar</i>	
51	Offline Parameter Estimation of an Induction Motor Based on a Complete Mathematical Model <i>Sbravan Vailaya Y R, Dr. Suryanarayana K, Mr. Ravikiran Rao M, Mr. Anantha Saligram</i>	
52	Lifecycle Assessment of Bioenergy Production from Waste Cooking Oil: A Review and Case Study <i>Chun Lim Sion, Amin Santo Istiyak, Yee Ho Chai, Razali Nur Mazlini and Yusoff Lukeman</i>	

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06-02-2026	Keynote Lecture 2	Time: 10:00am-11:00am Venue: Nethravathi Seminar Hall
	Prof. Dr. Dattatraya Narayan Gaonkar Department of Electrical and Electronics Engineering National Institute of Technology Karnataka, Surathkal	
06-02-2026	AREEV Session 2	
	Time: 11:15am-12:30pm Venue: PG & Research Lab, Third Floor, Sir MV Block	
ID	Paper Title and Authors	
19	Low-Cost Multimodal Fusion of 2D LiDAR and RGB Camera for Accurate Object-Level Perception <i>Anil M. Kabbur, Vinod Kumar V. Meti, Prakash Pawar, Sumanth B, Karan G, and Mohammed Yunus M. G. Khatib</i>	
26	A study on propagation delay and power dissipation of a 2-bit CMOS magnitude comparator with critical path evaluation <i>Tirunagari Manudeep, Tirunagari Manusree, Padilam Adithya Taran Yadav, Samana Nagendran, Arjun Sunil Rao, Jennifer Charlotte Saldanha</i>	
43	Study of Gasochromic Pt-decorated WO ₃ thin films synthesized via the Sol-Gel Route <i>Dr. Nisha, Megha Narayan</i>	
49	Multimodal Sensor Fusion for Real-Time Object Detection <i>Nethra K, Kavya Nayak, Sinchana, Nithish N, Raghavendra M Shet</i>	
33	Dynamic Modeling and Analysis of a Double-Star Synchronous Machine Interfaced with a Static Converter <i>Mouhamed Mbengue, Abdoulaye DIENG</i>	