

# PEREA 2020

Government College of Engineering, Kannur



DAY 1 (27 NOV 2020)



9 AM-10 AM, IST

Join Zoom Meeting

<https://zoom.us/j/96579189651>

## Keynote Lecture 1

*Dr. Kaushik Rajashekara,*

*Distinguished Professor of Engineering,*

*ECE Department at University of Houston,*

*United States*

*email: ksraja@uh.edu*

*Topic: Power Electronics for More Electric and Hybrid Electric Aircrafts*



10 AM-11 AM, IST

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## Keynote Lecture 2

*Dr. Udaya Kumara Madawala,*

*Professor,*

*Department of Electrical and Computer Engineering*

*The University of Auckland, New Zealand*

*Email: u.madawala@auckland.ac.nz*

*Topic: Wireless V2G-G2V Technologies*

## Inaugural function (27 NOV 2020)

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Program Schedule : 27/11/2020

11.00 AM	-11.05	Welcome Speech	Dr. C. Sreekumar. HoD, EEE, GCE Kannur
11.05 AM	-11.10	Presidential Address	Dr. V. O. Rejini, Principal, GCE Kannur
11.10 AM	-11.15	PEREA Overview	Dr. Jayaprakash P., General chair, PEREA 2020
11.15 AM	-11.25	 Inauguration	Dr. Rajasree M. S., Vice Chancellor, APJAK Technological University, Kerala, India
11.25 AM	-11.35	 Guest of Honour and Release of Book of Abstract	Dr. Byjubai T. P., Director of Technical Education, Govt. Of Kerala
11.35 AM	-11.40	Special address	Dr. Sameer S M, Secretary, IEEE region 10 (2021-22)
11.40 AM	-11.45	Felicitations	<ul style="list-style-type: none"><li>Ms.Sarada Jayakrishnan, chair, IEEE Kerala Section</li><li>Dr. Rijil Ramchand, HoD EEE, NIT Calicut.</li></ul>
11.45 AM	-11.50		
11.50 AM	-11.55	Vote of Thanks	Prof. Asokan O. V., Asso. Professor, EEE, GCE Kannur



**9 AM to 10 AM**

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*Keynote Lecture 3*

*Topic: Opportunity and challenges in DC grid application fields: An industrial point of view*

*Dr. Gopal Mondal,*

*Senior Key Expert,*

*Siemens corporate Technology, Erlangen, Germany.*

*Closing ceremony*

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4.30 PM	Welcome Speech	Dr. Manoj kumar MV, Finance chair, PEREA
	Remarks	Dr. Umasankar S, General chair, PEREA
	Remarks	Dr. Kalpana R, Chair, PEREA
	Remarks	Dr. Mahesh Kumar P, UG Dean, GCE Kannur
	Remarks	Dr. Sajith K, PG Dean, GCE Kannur
	Remarks	Dr. Biju. K, Vice chair, IAS/PELS/PES joint chapters, IEEE kerala
	Remarks	Ms. Anagha IEEE SB Chair, GCE Kannur
	Vote of Thanks	Dr. Rajesh M, Technical chair, PEREA

## *Overview of Paper Presentation Sessions*

(detailed presentation schedule is at the last)

Session Time	PEREA Hall 1 (MB213) Join Zoom Meeting <a href="https://zoom.us/j/96579189651">https://zoom.us/j/96579189651</a>	PEREA Hall 2 (MB205) Join Zoom Meeting <a href="https://zoom.us/j/8246920628">https://zoom.us/j/8246920628</a>
Day 1 27 <sup>th</sup> November 2020 9.00 a.m. to 10.00 a.m.	Keynote 1 (9 a.m. -10 a.m.), Keynote 2 (10.00 a.m. -11) Inauguration (11 a.m. -12.00 n)	
Day 1 27 <sup>th</sup> November 2020 1.30 p.m. to 3.15 p.m.	Track ID: 1.1 Power Converters 1	Track ID: 2.1 Power System
Day 1 27 <sup>th</sup> November 2020 3.15 p.m. to 5 p.m.	Track ID: 1.2 Power Converters 2	Track ID: 2.2 Power Quality
Day 2 28 <sup>th</sup> November 2020 9.00 a.m. to 10.00 a.m.	Keynote 3 (9AM-10AM)	
Day 2 28 <sup>th</sup> November 2020 10.00 a.m. to 11.45 a.m.	Track ID: 1.3 Renewable Energy	Track ID: 2.3 Electronics Engineering
Day 2 28 <sup>th</sup> November 2020 1. p.m. to 2.45 p.m.	Track ID: 1.4 Electrical Drives	Track ID: 2.4 IOT & Computation

Day 2 28 <sup>th</sup> November 2020 2.45 p.m. to 4.30 p.m.	Track ID: 1.5 Electric Vehicle	
Day 2 28 <sup>th</sup> November 2020 4.30 p.m. to 5.30 p.m.	Valedictory Session	