

Chapter/Affinity Group: Power Electronics Chapter

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Key Achievements & member services in 2020

- Decarbonizing Transport Through Electrification, A Whole System Approach Network+ Launch Event (IEEE Attended: 60, Guests Attended: 180) - 26 Feb 2020
- Virtual DLP talk by Prof. Udaya Madawala from NZ on EV and impact to the grid on 10th July 2020. (IEEE Attended: 25, Guests Attended: 65)
- 2020 9th International Conference on Power Science and Engineering (ICPSE) (IEEE Attended: 6, Guests Attended: 45) – 23/24 Oct 2020
- One-day Seminar on Power Electronics for Grid Applications, E-mobility and Renewable Energy (IEEE Attended: 40, Guests Attended: 40) - 16 Dec 2020

Current plan of activities for 2021

- Organize the IEEE PELS UK and Ireland Chapter Best PhD Thesis award 2021.
- Design Methodologies for Power Electronics Conference (DMC), Bath, UK – 14/15 July 2021
- Invited talks and guest lectures.
- Promote IEEE PELS towards student branches
- Online Webinar series.

Focus areas (2020-2021)

2020 Goals	2020 KPIs met?	2021 Goals	Challenges to reach KPIs/ Resources
Online Activities	Yes	Increase the number of online activities	Increase the participation of members/non-members for online events
Promote IEEE PELS towards student branches	Partly met	Continue this task in 2021	Active involvement of students/staff. Increase collaboration with PELS Students & YP branches via organizing joint events.