



European
Passive Components
Industry
Association

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FOR IMMEDIATE RELEASE

EPCIA Student Award 2023

Dr Shova Neupane from the Centre for Industrial Electronics (CIE) at the University of Southern Denmark (SDU) has been awarded the EPCIA Student Award at EPCIA meeting on 23 March 2023 in Paris, France, for her outstanding postdoctoral work.

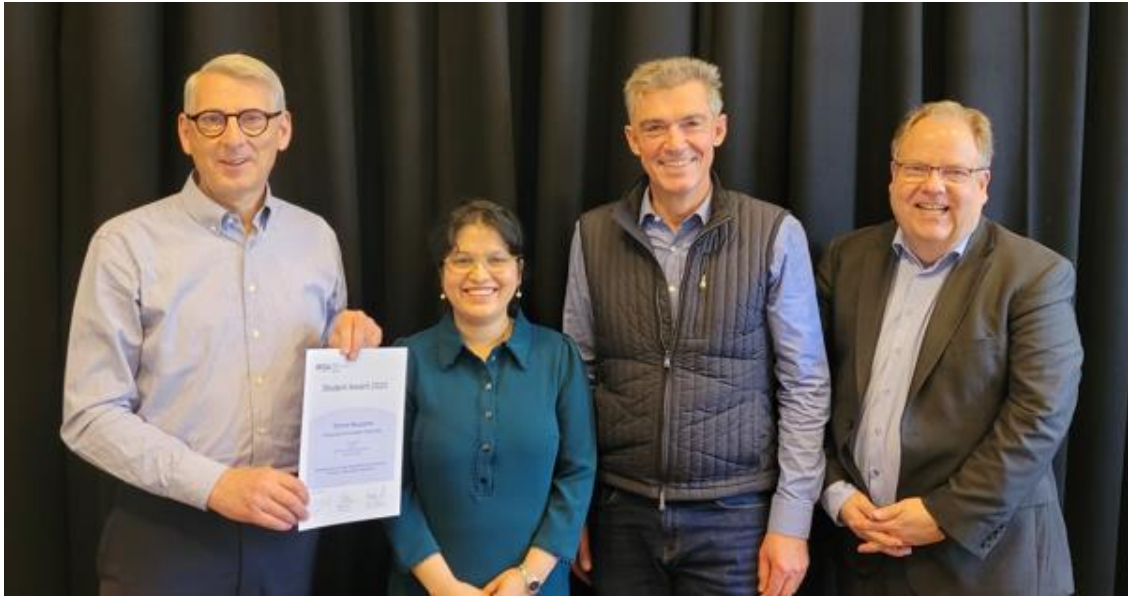
The EPCIA Student Award Committee assessed the interesting publication of Dr Neupane as an outstanding academic work in the area of electronic passive components. The award is granted with € 5,000.

The EPCIA award was granted to Dr Neupane for the successful prototype development of an aluminium-based polymer electrolytic capacitor (e-cap). The e-caps were prepared at the university research laboratory (CIE, SDU lab) under the research project partially funded by EPCIA and successfully tested for a long time at 450V with 105°C. Those e-caps are competitive with DC-link capacitors in power converters in electric vehicles.

“There is a great importance of such R&D projects for the passive components industry”, according to Ralph Bronold, President of EPCIA.

He encourages students across all European universities who work in this area to apply for the EPCIA students award in 2024.

For all future applicants: EPCIA is granting the Student Award annually and is looking forward to receiving more theses or papers related to passive components. All details related to the EPCIA Student Award can be found on the EPCIA website: <https://www.eusemiconductors.eu/epcia/epcia-student-award>



Handover of the EPCIA Student Award certificate (from left to right): Ralph Bronold, President of EPCIA, Dr Shova Neupane, winner of the Student Award, Christophe Pottier, Vice-President of EPCIA, and Prof Dr Thomas Ebel, SDU.

For more information:

Marcus Dietrich, PhD

Secretary

European Passive Component Industry Association (EPCIA)

Web: <https://www.eusemiconductors.eu/epcia>

About EPCIA: *The European Passive Component Industry Association (EPCIA) represents and promotes the common interests of the passive component industry active in Europe to ensure an open and transparent market for passive components in Europe as part of the global market place. Passive component manufacturers play a key role in the development of the electronics industry and more globally in the development of the e-society in Europe and the rest of the world. Every new function, every new semiconductor, generates new requirements in volume and performance for passive components. Supported by several large companies, a great number of SMEs (small and medium-sized enterprises), national associations and technological research institutes, the passive component industry has accumulated a considerable competence and know-how over the years.*