



C
e
r
t
i
f
i
c
a
t
e

Deepak Raj Purushothaman

successfully completed the three day course:

Fundamentals of Electric Drives

The course covered the topics:

- Drive train architectures in hybrid electric cars
- Two-point inverter with dc-link voltage
 - Structure and operating behaviour
 - Modulation processes
 - Thermal model
- Induction and synchronous machines
 - Structure and operating behaviour
 - Field oriented control
- Electric drive systems
 - Sensors
 - Safety functions
 - Losses and efficiency
 - Derating functions
- Multi-phase motors

Nuremberg, December 2018

Prof. Dr.-Ing. Helko Zatocil