

# Statement of Participation

iversity hereby certifies that **vishnu kant pandey** has participated in the following course:

## Vehicle Dynamics II: Cornering

Taught from August 2014 to December 2014 by Univ.-Prof. Dr.-Ing. Martin Meywerk.

The single track model is derived including slip angle and Kamm's circle. Steady state cornering, stability and the influence of weight distribution between the wheels is investigated. Two mechatronic applications are explained.

### About Institute of Automotive and Powertrain Engineering

The Inst. of Automotive and Powertrain Eng. (IFAS) is part of the Faculty of Mech. Eng. (FME) at the Helmut-Schmidt-Univ., Univ. of Federal Armed Forces, Germany. The FME are entitled to grant doctoral degrees and habilitation, the FME offers one degree B. Sc. and four degrees M. Sc. (one M. Sc. Automotive Eng.).



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