## **Supporting Information**

Impact of alloying and lattice strain on ORR activity of Pt and Pd based ternary alloys with Fe and Co for Proton Exchange Membrane Fuel cell applications.

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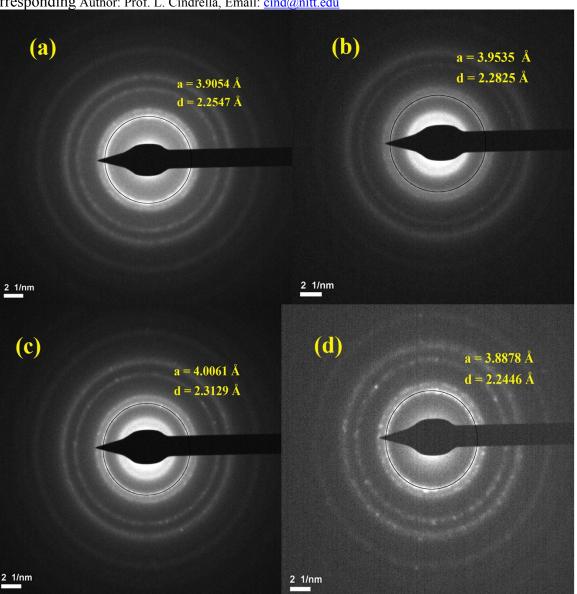


Fig. S1 Selected area electron diffraction patterns (SAED) of (a) Pt/C, (b) PtFeCo/C, (c) Pd/C and (d) PdFeCo/C.

For all the four catalysts, the SAED pattern of (111) planes are exactly fitted with a circle (black), and from the diameter of the (111) planar ring, lattice constant and inter planar distance have been calculated and included in the images.