



IMF's Institute for Capacity Development

Washington, District of Columbia

This is to certify that

Ameer Joël Joannes Hek

has successfully completed the online course on

Macroeconomic Diagnostics

June 28 - August 16, 2017

A handwritten signature in black ink, reading "Shamini Coorey". The signature is fluid and cursive, with a horizontal line underlining the name.

*Director, IMF's Institute for Capacity
Development*

A handwritten signature in black ink, reading "Chiyand". The signature is cursive and stylized, with a large initial 'C'.

*Managing Director
International Monetary Fund*