

# Certificate of Completion

**Martílio Banze**

**Basic Training Programme 2018-19**



**Professor Melvin Hoare**  
DARA Project Principal Investigator  
University of Leeds (UK)

**DARA**  
DEVELOPMENT IN AFRICA  
WITH RADIO ASTRONOMY

*The named trainee has successfully completed the following DARA basic training programme. This programme provided an introduction to astrophysics and radio astronomy and consisted of eight weeks of intensive training courses spread over the period of one year as outlined below.*

Unit	Course Title	Content
<b>Unit 1</b>	Astrophysics	Introductory astrophysics including multi-wavelength astronomy with emphasis on radio astronomy.
<b>Computer Course</b>	Linux and Python Training	Introductory course focusing on Linux and Python scripting.
<b>Unit 2</b>	Technical Training	Theory, hands-on usage and maintenance of the telescope, receiver and VLBI equipment.
<b>Unit 3</b>	Radio Astronomy Observation	Single-dish and VLBI observations and survey astronomy.
<b>Unit 4</b>	Radio Astronomy Data Reduction and Analysis	Reduction and analysis of VLBI data.