



CUT-ITIKI Project

Workshop on Embracing IoT in Facing the Harsh Realities of Climate Change And Launch of ITIKI

20 June – 21 June 2019

Workshop Schedule

Thursday 20			
Time	Activity	Presenter/Facilitator	Venue
08.30 – 09:00 a.m.	Registration	Rose	Japie Van Lill
09.00 – 09:10 a.m.	Opening Remarks	Prof. Masinde (CUT)	
09:10 – 09:20 a.m.	Opening Remarks	Prof. Vermaak/Prof. Ngidi	
09:20 – 09:30 a.m.	Opening Remarks	Prof. Ngowi (CUT)	
09:30 – 10:00 a.m.	Status of IoT in South Africa	TBC (CSIR)	
10:00 – 10:15 a.m.	ITIKI Official Presentation and Launch	Prof. Masinde (CUT)	
10:15 – 10:30 a.m.	ITIKI Website and App Launch	Mr Brown (ITIKI)	
10:30 – 11:00 a.m.	Coffee Break		
11:00 – 11:30 a.m.	CUT-UKZN Collaboration – Highlights of Achievements	Prof. Mabhaudhi (UKZN)	
11:30 – 12:00 a.m.	CUT-SAWS Collaboration – Highlights of Achievements	Dr Botai (SAWS)	
12:00 – 12:30 a.m.	Leveraging IoT in transiting from Survivability to Sustainability	Dr Awuzie (CUT)	
12:30 – 13:30 p.m.	Lunch Break	Rose	
13.30 – 14:30 p.m.	Introduction to Waspnote/ Arduino IDE	ITIKI Team	
14:30 – 13:30 p.m.	Weather monitoring using sensors and drone(s)	Mr Akanbi and Mr Brown (ITIKI)	
13.30 – 16:00 p.m.	Coffee Break	Rose	



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Friday 21			
Time	Activity	Presenter	Venue
08:30 – 09:00 a.m.	Real-life Applications of IoT	Prof Masinde (CUT)	Japie Van Lill
	WSNs Application Scenarios: Examples from Health Sciences	Dr Malebo (CUT)	
09:00 – 09:20 a.m.	The status of Agriculture in Free State: opportunities for ICT applications	Prof Fourie Dept of Agriculture (CUT)	
09:20 – 09:40 a.m.	Big Data in 4 th Industrial Revolution	Mr Akanbi (CUT)	
09:40 – 09:50 a.m.		Mpho Mbele (CUT)	
10:15 – 10:30 a.m.		John Nyetanyane (CUT)	
10:30 – 11:00 a.m.	Tea Break		
11:00 – 11:15 a.m.		Masters Student (Lebona)	
11:15 – 11:30 a.m.		Masters Student (Palesa)	
11:30 – 11:45 a.m.		BTech Project (Jason)	
11:45 – 13:00 p.m.	Supervised Exercises and projects	ITIKI Team	BHP 125
13:00 – 14:00 p.m.	Lunch Break		
14:00 – 15:30 p.m.	Demonstrations/presentations by workshop attendees and Prize Giving	All workshop participants	BHP 127/125
15:30 – 16:00 p.m.	Closure and way forward	Prof Masinde	
12:30 – 13:30 p.m.	Lunch Break		