



UNIVERSITY OF RWANDA

AFRICAN CENTRE OF EXCELLENCE IN INTERNET OF THINGS (ACE-IoT)

ANNUAL WORK PLAN FOR THE FISCAL YEAR 2022/2023

Timeline

COMPONENT	Activity No	DLIs	Type of expenditure	ACTIVITIES	OBJECTIVE	OUTPUT	JUSTIFICATION	ESTIMATED BUDGET	RESPONSIBLE	Timeline													
										July	August	September	October	November	December	January	February	March	April	May	June		
										1	2	3	4	5	6	7	8	9	10	11	12		
Learning excellence	1.1	2	Operating cost	To obtain International Accreditation of the new curricula of masters and PhD programs	To Ensure that the programs offered by the center meet the international standards	2 Masters and 2 PhD programs internationally accredited by AQAS	To increase the quality of the programs and the center is internationally recognized	16,100	Head PhD and Center Director	Blue	Blue	Blue											
	1.2	2	Operating cost	To train high level professionals in the field of IoT through Masters Programmes	Increase the number national and regional students trained in the field of IoT at MSc level	30 (5 regional) new students enrolled, 5 visiting Professors invited to teach cohort 4 and 5, 40 Students of Cohort 3 research projects supervised, supervisor payment, tickets for	Train students in IoT field for solving problems using IoT technology, to build the africans capacity in IoT	417,036	Head of MSc and admin for postgraduate	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	Yellow	
	1.3	2	Operating cost	To train high level professionals and academics in the field of IoT through PhD Programmes	Increase the number of PhD students trained in IoT field and enhance the capacity building of africans	36 students continues, 5 new students admitted under sponsorship of PASET, 8 new PhD students enrolled under sponsorship of the Center; at least one DC meeting conducted with min 5 external DC members and supervisor	Train students in IoT field for solving problems using IoT technology, to build the africans capacity in IoT	152,520	Head of Research and PhD program, admin for postgraduate	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue	Blue
	1.4	2	Operating cost	To train professionals in IoT through Short Courses/Training Programmes	Increase the number national and regional professionals trained in IoT through Short Courses/Training	At least 2 short course conducted with min 30 trainees in emerging technologies:	Train professionals in IoT for the capacity building and efficient service delivery	5,000	Research Assistants, Head PhD and Research												Blue	Blue	Blue
	1.5	2	Operating cost	To develop a 3rd MSc. program to produce skills researchers in IoT	Develop a new MSc. program at ACE-IoT	One Master program developed	To deliver high quality programs to skilled researchers and professionals in IoT.	5,000	Head Masters, admin for postgraduate, accountant, administrator												Orange	Orange	Orange

Total for Management and governance								153,485												
Sustainable financing	5.10	2.00	Operating cost	Recruit self sponsored students	Visit private and public institutions for sensibilisation for possible funding of their employees to study in the center	At least 5 private students recruited	For the sustainability of the center after the WB financing	-	Head PhD , Head Masters, admin, accountant											
	5.20			Identify potential private companies, institutions to host student conducting industrial attachments /internships	Mobilize and partner with private companies, institutions and organizations to offer internship for center students	10 institutions or industries working in the field of IoT identified to partner in the provision of	The students will be placed in good companies for their intership and get experience with industrie		Head of Master's studies , admin for postgraduate											
	5.30	2.00	Consultancy	Development of the center strategic plans including the Center sustainability plan	to increase income generation for sustainability of the center and show the center projection	Center sustainability plan and its annexes developed	To develop Center' sustainability plan and its annexes to shape the vision of ACE-IoT after World Bank funds.	20,000	Center Director, Procurement officer, M&E officer											
	5.44	2.00	operating cost	To build the capacity building of faculty staff for their expertise in areas needed by the Center.	Strengthen capacity and skills in wireless sensor Network for teaching staff	At least one Staff trained in Wireless Sensor Networks modules	To increase the inhous staff and enhanced the teaching staff capacity	10,000	Head of PhD and Director											
	5.50	2.00	Operating cost		Strengthen capacity in Artificial Intelligence and machine learning	At least staff trained in Artificial intelligence(AI)	To increase the inhous staff and enhanced the teaching staff capacity	15,000	Head of PhD and Director, admin											
	5.60	2.00	Operating cost		Strengthen capacity in Embedded computing systems	At least one staff training in Embedded computing modules	To increase the inhous staff and enhanced the teaching staff capacity	10,000	Head of PhD and Director, admin											
	5.70	2.00	Operating cost		Strengthen capacity in short course developments	At least One faculty staff trained in short course development and delivery	To increase the capacity of staff in short course development and delivery	8,000	Head of PhD and Director, admin											
	5.80	2.00	Operating cost	Facilitate Grant Proposal writing	Attract external and internal generated resources	Generate at least USD 200,000 through grants	To offer scholarship to masters' and PhD students and staff motivation	20,000	Accountant and PG Studies administrator, Director, Head of Research,											
Total for Sustainable financing								83,000												
TOTAL BUDGET								1,194,341												

3: DLIs Explanation: DLIs#2: Excellence in education and research capacity and development impact

DLIs#3: Timely, transparent and institutionally reviewed Financial Management

DLIs#4: Timely and audited Procurement

On the 31 March, 2022

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Monitoring and Evaluation officer

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Ag. Center Director