

Plan of Operations (Version 1.0 for 1st JCC on 21st June 2016)

	Fiscal Year	Quarter	Schedule												Responsible TF	Responsible person	Implementors	Major Inputs		Remarks			
			2015		2016		2017		2018		2019		2020					Japanese	MMR				
			3	4	1	2	3	4	1	2	3	4	1	2				3	4		1	2	3
Activities	0.1	Conduct baseline survey	■															All	Leaders of TF Writing Committee	All Writing Committee	L. Ex	CPs	
Activities	0.2	Implement project monitoring on a regular basis			■	■	■	■	■	■	■	■	■	■	■	■	■	All	PD	All	L. Ex	CPs	Occasion of Progress Report
Output 1	Management system to promote research and education is improved in YAU.																						
Activities	1.1	Set up a Task Force on planning and management for education and research activities of YAU	■ done																				
Activities	1.2	Analyze and revise existing planning and management system of YAU regarding education and research activities	■		■													PM TF	Dr. Nang Hseng Hon	All PMTF Members	L. Ex	CPs	
Activities	1.3	Analyze and revise existing long-term strategic plan and annual action plan regarding education and research in YAU	■		■				■		■		■		■		PMTF	Dr. Nang Hseng Hon	All PMTF Members	L. Ex	CPs		
Activities	1.4	Assess progress and achievements of the revised long-term strategic plan and annual action plan on a regular basis						■		■		■		■		■	PMTF	Dr. Nang Hseng Hon	All PMTF Members	L. Ex	CPs		
Activities	1.5	Formulate a guideline for the preparation and operation of the above plans				■										■	PMTF	Dr. Nang Hseng Hon	All PMTF Members	L. Ex	CPs		
Output 2	The Curriculum and teaching capacity of academic staff are improved in 9 departments of YAU.																						
Activities	2.1	Set up a Task Force on curriculum development and teaching improvement	■ done																				
Activities	2.2	Review and revise the existing curriculums in 9 departments, and develop curriculum maps	■		■		■											Edu. TF	Dr. Soe Soe Thein	Dr Aung Kyaw Myint Daw Tin Moh Moh	L. Ex	CPs	
Activities	2.3	Implement monitoring on teaching performance targeted young and mid-career academic staff in 9 departments on a regular basis			■	■	■	■	■	■	■	■	■	■	■	■	Edu. TF	Dr. Soe Soe Thein	Dr Htar Htar Naing Dr Nang Kyu Kyu Win	S. Ex.	CPs	Pedagogy	
Activities	2.4	Implement an in-service training program and formulate a manual for the training program			■	■	■	■	■	■	■	■	■	■	■	■	Edu. TF	Dr. Soe Soe Thein	Dr Nay Myo Aung Dr Than Than Soe	S. Ex.	CPs	Pedagogy	
Activities	2.5	Review and revise the existing syllabuses and teaching materials in 9 departments	■		■		■									■	Edu. TF	Dr. Soe Soe Thein	Dr Than Myint Tun Dr Nyein Nyein Htwe Dr Ei Ei Win Maung	S. Ex.	CPs	Faculty Dev.	
Output 3	The research capability of academic staff is enhanced in YAU.																						
Activities	3.1	Set up a Task Force on research capacity development	■ done																				
Activities	3.2	Conduct need assessment for agricultural producers and relevant industries, and select pilot research projects	■															R. TF	Dr. Kyaw Kyaw Win	Dr. Yu Yu Htun Dr. Htay Htay Oo	L. Ex	CPs	
Activities	3.3	Formulate a pilot research plan		■														R. TF	Dr. Kyaw Kyaw Win	Dr. Moe Hnin Phyu Each Sub-Group	L. Ex	CPs	
Activities	3.4	Conduct trainings for research implementation and presentation			■	■	■	■	■	■	■	■	■	■	■	■	R. TF	Dr. Kyaw Kyaw Win	Dr. Nyo Mar Htwe Dr. Seint San Aye Dr. Aung Naing Oo	L. Ex S. Ex	CPs	Ex. Design Write/Presentation	
Activities	3.5	Implement pilot research projects			■												R. TF	Dr. Kyaw Kyaw Win	Research Sub-sub Groups	L.Ex S. Ex	CPs	All	
Activities	3.6	Conduct seminars or workshops to report the results of pilot research projects										■				■		R. TF	Dr. Kyaw Kyaw Win	Respectively	L. Ex	CPs	Academic Year End
Public Relation																							
	1	Establishment and operation of web Site	■		■												PM TF IT Committee	U Wanna Aung Dr. Swe Swe Mar	U Wanna Aung Dr. Swe Swe Mar	L.Ex/ Coord.	CPs/ Staff		
	2	Materials for public relations related to the agricultural education and research of the Project			■												PMTF	Dr. Nang Hseng Hon	Respectively	L.Ex/ Coord.	CPs	Occasion of JCC	
	3	Seminar/ Event for students/ Public											■			■		PM TF	Dr. Nang Hseng Hon	Respectively	L.Ex/ Coord.	CPs	Occasion of Seminar (3.6)
	4	Publish journal											■			■		R. TF	Dr. Kyaw Kyaw Win	Respectively	L.Ex/ Coord.	CPs	Occasion of Seminar (3.6)

Input by GOM			Schedule																				Dept Concerned		Major Inputs		Remarks
			Fiscal Year		2015		2016		2017		2018		2019		2020		Japanese	MMR									
			Quarter	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3							
Long Term Expert																											
	1	Project Director																									
	2	Project Manager																									
	3	Members (CPs) for Planning and Management Task Force																									
	4	Members (CPs) for Education Task Force																									
	5	Members (CPs) for Research Task Force																									
Facilities																											
	1	Project Office																									
	2	Project Meeting Room																									
	3	ICT Tools and Infrastructure																									
	4	Laboratories																									
	5	Laboratory Equipment																									
Input by JICA			Schedule																				Dept Concerned		Major Inputs		Remarks
			Fiscal Year		2015		2016		2017		2018		2019		2020		Japanese	MMR									
			Quarter	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3							
Long Term Expert																											
	1	Chief Advisor																									
	2	Agriculture																									
	3	Coordinator																									
Short Term Expert																											
	1	Molecular Genetics and Breeding																					PB, PP, Hort				
	2	Plant-Water Physiology																					PB, SW, Agr				
	3	Plant Genetic Resource Management																					PB, AE, Hort, Agr				
	4	Seed Production Science																					Agr, PB, Hort, PP, Ent				
	5	Integrated Pest Management																					Ent, PP, Agr, Hort, AE				
	6	Climate Change and Agricultural Production																					Agr, PB, AE, SW, Hort, PP, Ent				
	7	Organic Agriculture																					Agr, PB, AE, SW, Hort, PP, Ent				
	8	Analytical Chemistry																					All				
	9	Poverty Alleviation and Rural Society																					AE, Agr				
	10	Food Science																					Agr, Hort, AE				
	11	Pedagogy/ Teaching Methodology in Agricultural Science																					All				
	12	Faculty Development and Curriculum Development																					All				
	13	Experimental Design																					All				
	14	Scientific Writing and Presentation																					All				

	Fiscal Year	Schedule																								Place	Responsible Dept.	Implementors	Budget	Remarks	
		2015		2016				2017				2018				2019				2020											
		3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3									
Pilot Research Programme						MMK	280,700,833																								
RA Group: Rice Varietal Selection for Climate Change with Farmer Participatory Approach								Dr. Nyo Mar Htew	MMK	86,819,000																					
RA-01	Selection and Evaluation of Rice Varieties and Their Genetic Confirmation for Salt and Drought Tolerance in Selected Area of MMR																											Dr. Nyo Mar Htew	MMK	57,819,000	
RA01-1	Farmer Participatory Selection for Biotic and Abiotic Tolerant Rice Varieties in Selected Area of MMR																									Mandalay	Breeding Agronomy	Dr. Nyo Mar Htew Dr. Khin Thida One	MMK	31,339,000	
RA01-2	Evaluation of Salt and Drought Tolerance on Rice Varieties in Terms of Agronomic Parameters and Water Use Efficiency																									Mandalay	S and W	Dr. Aung Naing Oo	MMK	18,480,000	
RA01-3	Genetic Confirmation for Drought and Salt Tolerant Gene in Selected Rice (<i>Oryza sativa</i>) Breeding Lines																									Laboratory	Horticulture	Dr. Moe Kyaw Thu	MMK	8,000,000	
RA-02	Screening of Different Rice Varieties Against Some Major Pests and Diseases																											Dr. Seint San Aye	MMK	15,000,000	
RA02-1	Screening of Different Rice Varieties Against Some Major Pests and Diseases																									Nay Pyi Taw	Pathology	Dr. Seint San Aye	MMK	10,000,000	
RA02-2	Screening for Resistance to Yellow Rice Stem Borer in Selected Rice Varieties																									Laboratory	Entomology	Dr. Ah Nge Htwe	MMK	5,000,000	
RA-03	Rice Varietal Assessment for Farmer Preference																											Dr. Shwe Mar Than	MMK	14,000,000	
RA03-1	Rice Varietal Assessment for Climate Change with Farmer Participatory Approach																									Mandalay	Economics	Dr. Shwe Mar Than	MMK	14,000,000	
RB Group: Spatial Analysis on Distribution of Crops, Pests, Diseases and Soil Fertility and Its Application to Crop Management								Dr. Htay Htay Oo	MMK	102,789,000																					
RB-01	Spacial Analysis on Distribution of Crops, Management Practices and Soil Properties in Selected Areas of MMR																											Dr. Htay Htay Oo	MMK	70,739,000	
RB01-1	Spatial Analysis on Distribution of Crops and Management Practices in Selected Areas of Myanmar																									NPT/ Yangon	Agronomy Breeding Horticulture	Dr. Htay Htay Oo U Aung Win Dr. Thanda Aung	MMK	45,000,000	
RB01-2	Spatial Variability of Soil Fertility Distribution in Selected Areas of Myanmar																									NPT/ Yangon	S and W Engineering	Daw Yinn Mar Soe Daw Aye Thida Kyaw	MMK	17,020,000	
RB01-3	Economic Analysis of Postharvest Crop Losses in Pulses in Selected Areas in Myanmar																									NPT/ Yangon	Economics	Dr. Yu Yu Tun	MMK	8,719,000	
RB-02	Occurrence and Distribution of Sesame Disease in Major Sesame Growing Regions of Myanmar																											Dr. Yu Yu Min	MMK	15,000,000	
RB02-1	Occurrence and Distribution of Sesame Disease in Major Sesame Growing Regions of Myanmar																									NPT/Yangon Magway	Pathology	Dr. Yu Yu Min	MMK	15,000,000	
RB-03	Establishment of Major Insect-Pest Warning Model through Defining Distribution Map for Insect Pests and Natural Enemies on Rice and Pulses																											Dr. Moe Hnin Phyu	MMK	17,050,000	
RB03-1	Establishment of Major Insect-Pest Warning Model through Defining Distribution Map for Insect Pests and Natural Enemies on Rice and Pulses																									NPT/ Yangon	Entomology	Dr. Moe Hnin Phyu	MMK	17,050,000	
RC Group: Postharvest and Supply Chain Management of Selected Major Crops								Dr. Aung Naing Oo	MMK	71,318,833																					
RC-01	Assessment of Postharvest Losses and Supply Chain Management of Sesame in Selected Areas in Myanmar																											Dr. Nyein Nyein Htwe	MMK	28,408,833	
RC01-1	Assessment on Postharvest Losses along Supply Chain and Effect of Different Storage Conditions on Grain and Seed Quality of Sesame (<i>Sesamum indicum L.</i>)																									Magway	Agronomy	Dr. Nyein Nyein Htwe	MMK	10,645,000	
RC01-2	Assessment of Supply Chain Management of Sesame in Selected Areas of Myanmar																									Magway	Economics	Dr. Theingi Myint	MMK	17,763,833	
RC-02	Influence of Handling Practices, Pests and Diseases on Pre and Postharvest Losses of Mango (<i>Mangifera indica L.</i>)																											Dr. Than Than Soe	MMK	42,910,000	
RC02-1	Postharvest Handling Practices and Losses of Mango Fruit in Selected Areas of Myanmar																									NPT/ Mandalay	Horticulture	Dr. Than Than Soe	MMK	18,480,000	
RC02-2	Influences of Handling Practices and Postharvest Diseases on Mango																									NPT/ Mandalay	Pathology	Dr. Nang Kyu Kyu Win	MMK	14,430,000	
RC02-3	Influences of Handling Practices and Postharvest Losses by Fruit Fly on Mango																									NPT/ Mandalay	Entomology	Dr. Htar Htar Naing	MMK	10,000,000	
RC Group: Postharvest and Supply Chain Management of Selected Major Crops									MMK	19,774,000																					
CR-01	Optimal Feed Composition for Cattle Production in Central Dry Zone																									Mandalay/ Sagaing	Animal Science	Dr. Ei Ei Win Maung	MMK	4,172,000	
CR-02	Evaluation of Silage Feeds to Improve the Feed Intake of Small Ruminants																									Laboratory	Animal Science	Dr. Ei Ei Win Maung	MMK	8,602,000	
CR-03	Role of Perennial Crops in Rural Household Income of Central Dry Zone of Myanmar in Climate Change Scenario																									Mandalay/ Sagaing	Economics	Dr. Shwe Mar Than	MMK	7,000,000	