



PROGRAMME REPORT

ACADEMIC TRIP FOR SUBJECT:

AGR569 (BIOTECHNOLOGY FOR PLANTATION CROPS MANAGEMENT)

DATE

23, 24 OCTOBER 2018 & 19 NOVEMBER 2018

PLACE

1. MALAYSIAN RUBBER BOARD, RRIM RESEARCH STATION, SUNGAI BULOH, SELANGOR
2. MALAYSIAN AGRICULTURE RESEARCH & DEVELOPMENT INSTITUTE (MARDI), KLANG, SELANGOR

TIME

6.30 AM – 5.00 PM

ORGANIZER

M3AT2204A, M3AT2204C, M3AT2204D

1. INTRODUCTION

Academic visit is one of the teaching medium in conveying knowledge to the students. Through academic visit, the students will be exposed to the real situation of the working environment.

This academic visit was organized to meet the requirement of the syllabus for the subject AGR569 - BIOTECHNOLOGY for PLANTATION CROPS. In order to improve the understandings and knowledge of the students about the subject that have been taught in classroom, this academic visit was also one of the medium that can broaden the perspectives and thinking of the part four (4) (semester September 2018 - January 2019) students of Bachelor of Science (Hons) in Technology and Plantation Management and also can give a clearer vision on the subject being studied.

Through this visit, students are able to apply the knowledge in today's world and not only focus to the concept and theory alone. It aims for the involved students to become excellent, as well able to contribute to the development of the country and become professional personnel in the future.

2. OBJECTIVE

- (i) To meet the requirement of the subject AGR569 - Biotechnology for Plantation Crops
- (ii) To give better and depth exposure of the subject AGR569 - Biotechnology for Plantation Crops to the part four (4) students of Bachelor of Science (Hons.) In Technology and Plantation Management.
- (iii) To learn more about the latest methods of breeding in agriculture.

3. OUTCOME OF PROGRAMME

- (i) Students able meet the requirement of the subject AGR569 - Biotechnology for Plantation Crops
- (ii) Students get better and depth exposure of the subject AGR569 - Biotechnology for Plantation Crops to the part four (4) students of Bachelor of Science (Hons.) In Technology and Plantation Management.
- (iii) Students also learn more about the latest methods of breeding in agriculture especially in rubber plantation

4. COMMITTEE MEMBERS

Chairman	: Prof. Madya Dr. Asmah Awal (Dean)
Advisor	: Dr. Alawi Haji Sulaiman (Deputy Dean Academic Affairs) Cik Nordiana Ibrahim (Deputy Dean Student Affairs) Dr. Shamsiah Abdullah (Deputy Dean Research & Industrial Linkage)
Head of Studies Centre (Bachelor)	: Mdm. Salwa binti Hj. Adam
Programme Advisor	: Dr. Yusuf Chong Yu Lok (AGR569 Lecturer)
Presidents	: Muhammad Safwan bin Mazlan
Vice Presidents	: Nurul Azreena binti Azman
Treasurer	: Ammar Aiman bin Abd Nasir
Secretary	: Nur Shahira binti Madon
Food Committee	: Azhar bin Sahak Muhammad Alfah Fahmi bin Ahmad Fauzi Siti Nabilah binti Razally
Programme Committee	: Mohammad Ashraff bin Ab Manaf Muhamad Fakhrul Mukminin bin Kamsan Siti Khairunnisa binti Sahit
Multimedia Committee	: Muhammad Syukri bin Mohd Sabir Nur Fatin Fatimah binti Abu Bakar Siti Anisa binti Sa'adon
Transportation Committee	: Muhamad Aswad bin Shahrom Muhammad Izzat bin Mohd. Subhi Haszarul Affendy Hakkim bin Ahmad
Logistic and Special Task Committee	: Mohamad Amirul bin Mohamad Yusoff Nur Amirah Suhailah binti Mat Derus Kamarul Iskandar bin Zainal Abidin

5. TARGET GROUP

Part four (4) students of Bachelor of Science (Hons.) In Technology and Plantation Management who taking AGR569 subject (Biotechnology for Plantation Crops Management) this semester

6. PROGRAM DETAILS

FACULTY	FACULTY OF PLANTATION AND AGROTECHNOLOGY (FPA), UITM MELAKA JASIN CAMPUS
PROGRAMME TITLE	ACADEMIC TRIP FOR SUBJECT: AGR569 (BIOTECHNOLOGY FOR PLANTATION CROPS MANAGEMENT)
ORGANIZER	AGR569 - M3AT2204A, M3AT2204C & M3AT2204D, BACHELOR OF SCIENCE (HONS.) TECHNOLOGY AND PLANTATION MANAGEMENT
DATE	23, 24 OCTOBER 2018 & 19 NOVEMBER 2018
VENUE	1) MALAYSIAN RUBBER BOARD, RRIM RESEARCH STATION, SUNGAI BULOH, SELANGOR 2) MALAYSIAN AGRICULTURE RESEARCH & DEVELOPMENT INSTITUTE (MARDI), KLANG, SELANGOR
TOTAL OF PARTICIPANTS	90 STUDENTS, 1 LECTURER
BUDGETS ACCEPTED	RM 720.00

7. TENTATIVE PROGRAMME

CLASS	DAY / DATE	TIME	ACTIVITY
M3AT2204C	(MONDAY) 23 OCTOBER 2018	6.30 am	Assemble and breakfast.
		7.00 am	Depart from UiTM Jasin to Malaysian Rubber Board, RRIM Research Station, Sungai Buloh, Selangor
		9.30 am – 12.30 pm	Arrived at Malaysian Rubber Board, RRIM Research Station, Sungai Buloh, Selangor
M3AT2204A	(TUESDAY) 24 OCTOBER 2018	12.30 pm - 1.45 pm	Depart from Malaysian Rubber Board, RRIM Research Station, Sungai Buloh, Selangor to nearby mosque (Lunch/Rest/Zohor Pray)
		1.45 pm - 2.15 pm	Depart from nearby mosque to Malaysian Agriculture Research & Development Institute (MARDI), Klang
M3AT2204D	(MONDAY) 19 NOVEMBER 2018	2.15 pm – 5.00 pm	Arrived at Malaysian Agriculture Research & Development Institute (MARDI), Klang
		5.00 pm - 7.30 pm	Depart from Malaysian Agriculture Research & Development Institute (MARDI), Klang to AEON Bukit Tinggi, Selangor (Asar Pray, Dinner, Maghrib Pray)
		7.30 p.m	Depart to UiTM Jasin from AEON Bukit Tinggi

8. KEY PERFORMANCE ACHIEVEMENT

BIL	OUTPUT/OUTCOME	PENUNJUK PRESTASI	TANDAKAN (√)
1	<i>Outcome 1, Output 6, PI 5</i>	Bilangan program kesukarelawanan mahasiswa secara kolaborasi bersama industri	
2	<i>Outcome 1, Output 8, PI 1</i>	Bilangan penganjuran program berteraskan <i>University Community Engagament (UCE)</i>	
3	<i>Outcome 5, Output 2, PI 2</i>	Bilangan program kesukarelawanan mahasiswa secara kolaborasi bersama masyarakat	
4	<i>Outcome 5, Output 2, PI 4</i>	Bilangan program Khidmat Kepakaran Mahasiswa yang dianjurkan setahun	
5	<i>Outcome 5, Output 6, PI 2</i>	Bilangan alumni yang terlibat dalm program Jaringan Bestari	
6	<i>Outcome 1, Output 6, PI 1</i>	Bilangan mahasiswa yang terlibat dengan program kolaborasi bersama industri	/
7	<i>Outcome 1, Output 7, PI 2</i>	Bilangan mahasiswa yang menjadi usahawan berdaftar dengan Suruhanjaya Syarikat Malaysia.	
8	<i>Outcome 1, Output 7, PI 3</i>	Bilangan pelajar ijazah pertama dan diploma sepenuh masa terlibat dalam aktiviti pendedahan/pembudayaan keusahawanan selain daripada kurikulum.	
9	<i>Outcome 1, Output 7, PI 4</i>	Bilangan program latihan keusahawanan berstruktur yang ditawarkan kepada pelajar.	
10	<i>Outcome 4, Output 5, PI 1</i>	Bilangan jalinan program kerjasama dengan industri/ komuniti	/

11	Outcome 1, Output 6, PI 2	Bilangan mahasiswa yang terlibat dengan program mobiliti ke universiti luar negara	
12	Outcome 1, Output 6, PI 3	Bilangan mahasiswa yang disangkutkan di industri antarabangsa	
13	Outcome 3, Output 4, PI 2	Bilangan mahasiswa yang disangkutkan di industri antarabangsa	

9. PROGRAM ASSESSMENT

L1-HEP/PKP/20 (Pindaan 2013)



BORANG PENILAIAN AKTIVITI PELAJAR

BAHAGIAN HAL EHWAL PELAJAR
UNIVERSITI TEKNOLOGI MARA

NAMA PELAJAR : SYARIFAH FAZLIANA BT. SYED ABDULLAH

NO. PELAJAR : 2017437288

NAMA AKTIVITI : ACADEMIC TRIP FOR AGR 569

TARIKH AKTIVITI : 19 NOVEMBER 2018

PENYERTAAN AKTIVITI : PESERTA ☒ / ☐ JAWATANKUASA
(Sila tandakan (✓) di kotak yang berkenaan)

Sila rujuk skala dan penerangan di bawah sebelum menjawab soalan di Bahagian I dan II.

SKALA	PENERANGAN
TAHAP	
1 Rendah	tidak jelas, tidak berkesan atau cetek
2 Sederhana	kurang jelas, kurang berkesan atau kurang kesedaran
3 Memuaskan	jelas, boleh difahami tetapi terhad, memadai
4 Baik	sentiasa dapat difahami, berkesan, selesa, berpotensi, sesuai
5 Sangat Baik	sangat berkesan pada setiap masa, menepati jangkaan

BAHAGIAN I - TAHAP KOMPETENSI KEMAHIRAN INSANIAH (KI) PELAJAR UiTM

1. Sila tandakan (✓) di kotak yang berkenaan (skala 1 – skala 5) mengikut tahap penilaian seperti di atas.
2. Sila tandakan (✓) pada kotak 'N/A', jika kativiti/program yang diikuti tiada kaitan dengan kateria penilaian.

BIL	NO	ITEM	N/A	SKALA				
				1	2	3	4	5
B1 Pemikiran Kritis dan Kemahiran Menyelesaikan Masalah	a.	Saya berkebolehan mengenal pasti dan menganalisis masalah dalam situasi kompleks dan kabur, serta membuat penilaian yang berjustifikasi.				✓		
	b.	Saya berkebolehan mengembang dan membaiki kemahiran berfikir seperti menjelaskan, menganalisis dan menilai perbincangan.					✓	
	c.	Saya berkebolehan membuat pembentangan secara jelas dengan penuh keyakinan dan bersesuaian dengan tahap pendengar.					✓	
B2 Kemahiran Berkomunikasi	a.	Saya mampu menyampaikan idea dengan jelas, kerkesan dan dengan penuh keyakinan, secara lisan dan bertulis				✓		
	b.	Saya mampu mengamalkan kemahiran mendengar yang aktif dan memberi maklum balas				✓		
	c.	Saya mampu membuat pembentangan secara jelas dengan penuh keyakinan dan bersesuaian dengan tahap pendengar				✓		
B3 Kemahiran Kerja Berpasukan	a.	Saya berpeluang membina hubungan baik, berinteraksi dengan orang lain dan bekerja secara efektif bersama mereka untuk mencapai objektif yang sama					✓	
	b.	Saya memahami dan mengambil peranan bersilih ganti antara ketua kumpulan dan ahli kumpulan				✓		
B4 Etika dan Moral Profesional	a.	Saya memahami kesan ekonomi, alam sekitar dan sosiobudaya dalam amalan profesional					✓	
	b.	Saya berkebolehan menganalisis dan membuat keputusan dalam penyelesaian masalah berkaitan etika						✓

B5 Pembelajaran Berterusan dan Pengurusan Maklumat	a.	Saya mencari dan mengurus maklumat yang relevan daripada pelbagai sumber					✓	
B6 Kemahiran Keusahawanan	a.	Saya berkebolehan mengenal pasti peluang perniagaan/keusahawanan				✓		
B7 Kemahiran Kepimpinan	a.	Saya berpengetahuan tentang teori asas kepimpinan					✓	
	b.	Saya berkebolehan untuk memimpin sesuatu aktiviti atau projek						✓

Sila tandakan (✓) jawapan anda bagi soalan di bawah (wajib diisi)

B8	a.	Saya bersetuju program pembangunan pelajar yang diikuti menyumbang kepada Kemahiran Insaniah (KI)	☒ Setuju	☐ Tidak Setuju
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BAHAGIAN II - PENILAIAN PERLAKSANAAN AKTIVITI (untuk diisi oleh peserta sahaja) Sila tandakan (✓) di kotak yang berkenaan.

NO.	ITEM	N/A	SKALA				
			1	2	3	4	5
1.	Pengisian program						✓
2.	Persembahan multimedia					✓	
3.	Lokasi program						✓
4.	Aturcara dan pengendalian program					✓	
5.	Mutu makanan dan minuman					✓	
6.	Keseluruhan mutu aktiviti					✓	

10. SUGGESTION AND RECOMMENDATION

University should continue allowing the students to visit organizations to fulfill this subject objectives because I think field visit is one of the way that can increase students' knowledge especially in biotechnology field which I think can benefit our agriculture economy in the future.

11. FINANCIAL REPORT

No	Details	Total Applied (RM)	Amount approved (RM)	Sponsorships / contribution (RM)	Total (RM)
1	Breakfast (RM 3.00 x 90) Lunch (RM 5.00 x 90) Total = RM720.00	720.00	720.00	0.00	720.00
2	Souvenir	-	-	BHEP	0.00
TOTAL					720.00

12. ATTACHMENT

1. Activities in Malaysian Rubber Board, RRIM Research Station, Sungai Buloh, Selangor



Arrived at the RRIM



Briefing about germplasm from Mr. Adib



Briefing about variety of rubber that have at RRIM



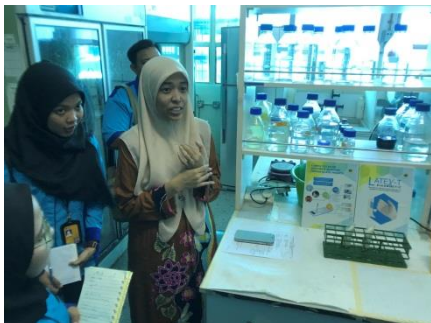
Briefing of protein in rubber's leaf



Visit tissue culture lab



Student learnt proper way to separate pollen grain from anther



Briefing about allergenic of protein in latex



Appreciation session to RRIM staff by Dr. Yusuf



Photograph session the staff from RRIM

2. Activities in Malaysian Agricultural Research & Development Institute (MARDI) Klang, Selangor



Arrived at the MARDI



Briefing session from
Research Officer of MARDI



Briefing about process after
hardening of banana's tissue
culture



Briefing about subculture



Briefing about how to
choose banana's sucker



Student chopping banana's
sucker



Students visit to greenhouse
of banana tissue culture



Appreciation session to Dr.
Yusuf from MARDI Klang



Photograph session with the
staffs from MARDI Klang