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Master Degree in Industry 4.0

Ind4.0 (610455-EPP-1-MY-EPPKA2-CBHE-JP)

AGRICULTURE

AUTOMOTIVE

MANUFACTURING

HEALTH

**DELIVERABLE OF ERASMUS+IND4.0 WP3
D3.5 Ind4.0 Info Days in Partner Countries**



D3.5 Ind4.0 Info Days in Partner Countries

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Projection Information

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Abstract: The MSc Ind4.0 Info Day was organized across 8 prominent Asian institutions with the aim of providing valuable insights into the Master of Science in Industry 4.0 program. The event, held in between 2022 to 2024, brought together prospective students, faculty members, and industry professionals interested in the innovation and advanced technology related to Industry 4.0 innovation. The Info Day successfully highlighted the program's key features, benefits, and opportunities, fostering a deeper understanding of its relevance in today's dynamic Industry 4.0 landscape. The MSc Ind4.0 Info Day across the 8 Asian institutions achieved its goals of informing, inspiring, and connecting individuals interested in the Industry 4.0. Attendees left with a clear understanding of the program's academic rigor, industry relevance, and potential impact on their careers. The event's success was evidenced by the enthusiastic participation, engaging discussions, and positive feedback from attendees.

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Reviewed Quality Board

Date 14/11/2023

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Abstract

The MSc Ind4.0 Info Day was organized across 8 prominent Asian institutions with the aim of providing valuable insights into the Master of Science in Industry 4.0 program. The event, held in between 2022 to 2024, brought together prospective students, faculty members, and industry professionals interested in the innovation and advanced technology related to Industry 4.0 innovation. The Info Day successfully highlighted the program's key features, benefits, and opportunities, fostering a deeper understanding of its relevance in today's dynamic Industry 4.0 landscape. The MSc Ind4.0 Info Day across the 8 Asian institutions achieved its goals of informing, inspiring, and connecting individuals interested in the Industry 4.0. Attendees left with a clear understanding of the program's academic rigor, industry relevance, and potential impact on their careers. The event's success was evidenced by the enthusiastic participation, engaging discussions, and positive feedback from attendees.

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D3.5 Ind4.0 Info Days in Partner Countries

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Table of Contents

Abstract.....	4
1.0 Introduction	5
2.0 Objectives.....	6
3.0 InD4.0 Info Day Reports	6
4.0 Components of Activities	9
5.0 Reports of Asian HEIs	10
5.1 P01 – UiTM (Universiti Teknologi Mara)	11
5.1.1 Report 1: INFO DAY in conjunction with 94th Convocation of UiTM	12
5.1.2 Report 2 (4 October 2023)	17
5.1.3 Report 3 (3 November 2023)	38
5.2 P02 - UTM (Universiti Teknologi Malaysia)	50
5.3 P03 – UniKL (Universiti Kuala Lumpur).....	57
5.4 P04 – UHST (University of Heng Samrin Thbongkhmum)	67
5.5. P05 – NUBB (National University of Battambang)	80
5.6 P06 – MCU (National University of Mean Chey)	87
5.6.1 Report 1 Info Day	88
5.6.2 Report 2 Info Day	93
5.7 P08 – UnSyiah (Universitas Unsyiah Kuala).....	98
5.8 P09 – USU (Universitas Sumatera Utara)	116

List of Tables

Table 1: Template for Info Day Report.....	7
Table 2: Ind 4.0 INFO DAY events in the Asian HEIs	9

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1.0 Introduction

One INFO DAY event was organised from each Asian HEI in which companies from the regional industry (Manufacturing, Agriculture/Aquaculture and Health sectors) were invited as well as prospective students. The event serves as a platform to disseminate comprehensive information about the program's curriculum, objectives, features, and industry relevance.

2.0 Objectives

The primary objectives were to register companies for the internship programme, attract prospective students and promote the professional training courses (MOOCs) to the companies.

3.0 InD4.0 Info Day Reports

Throughout the project's timeline, both informal and formal communication channels were established with industry representatives and potential students, a practice that gained momentum particularly following the establishment of the InD4.0 curriculum.

The Info Day Template was provided for consistency in the format of the report as in Table 1. The main purpose is to serve as a guideline to ensure the relevant information is documented.

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Table 1: Template for Info Day Report



Organisation LOGO



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Master Degree in Industry 4.0 (IND4.0)

TITLE OF THE ORGANISATION

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IND4.0 INFO DAY REPORT

Date:

Venue address:

Link to the recorded Info Day

Participants:

Information day programme

PHOTOS

MINUTE OF THE INFO DAY

INTERVIEW/ SATISFACTION REPORT

ATTENDANCE LIST

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Table 2 shows the INFO DAY events in all Asian Higher Education Institute (HEIs) in Malaysia, Cambodia and Indonesia with an accumulative total of 725 participants.

Table 2: Ind 4.0 INFO DAY events in the Asian HEIs

Partner No	Name of University	Country	Date	Participants No
P01 - UiTM	Universiti Teknologi MARA	Malaysia	26-27/09/22	86
			4/10/2023	106
			3/11/2023	100
P02 - UTM	Universiti Teknologi Malaysia	Malaysia	7/10/2023	42
P03 - UniKL	Universiti Kuala Lumpur	Malaysia	8 series 10/2 – 10/11 2022	Not Available
P04 - UHST	University of Heng Samrin Thbongkhmum	Cambodia	23/10/2023	65
P05 - NUBB	National University of Battambang	Cambodia	9/6/2023	45
P06 - MCU	Mean Chey University (MCU)	Cambodia	26/01/2023	44
			13/06/2023	155
P08 - Unsyiah	Syiah Kuala University	Indonesia	27/9/2023	40
P09 - USU	Universitas Sumatera Utara	Indonesia	7/9/2023	42
Total				725

4.0 Components of Activities

Comprehensive overview of the MSc Ind4.0 program and Professional Courses: The Info Day commenced with a comprehensive overview of the MSc Ind4.0 program, shedding light on its curriculum structure, course offerings, and learning outcomes. Attendees gained a clear understanding of how the program bridges the gap between scientific knowledge and practical food industry applications.

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Faculty Expertise: Esteemed faculty members from each participating institution shared their expertise and research interests within the realm of Industry 4.0. Their presentations showcased the program's commitment to offering students access to industry thought leaders and cutting-edge research.

Industry Integration: The event emphasized the program's strong ties with the food industry. Guest speakers from leading Ind4.0 companies shared their insights on current industry trends, challenges, and opportunities. This interaction facilitated networking and highlighted the potential career pathways for MSc Ind4.0 graduates.

Interactive Sessions: Interactive sessions, including panel discussions and Q&A segments, provided a platform for attendees to engage directly with faculty, industry professionals, and current students. These sessions clarified doubts, addressed queries, and offered insights into the student experience. Detailed information regarding the application process, admission criteria, and scholarship opportunities was shared during the event.

5.0 Reports of Asian HEIs

The reports of the Asian HEIS are compiled.

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5.1 P01 – UiTM (Universiti Teknologi Mara)



P0 1 - UiTM INFO DAY REPORT

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5.1.1 Report 1: INFO DAY in conjunction with 94th Convocation of UiTM

Date: September 26th and 27th, 2022

Venue address: UiTM Campus Samarahan

Universiti Teknologi MARA Samarahan Campus 2, Jalan Meranek, 94300

Kota Samarahan,

Sarawak, Malaysia.

Total of Participants: 86

INFO DAY FOR ERASMUS + PROJECT
26-27 SEPTEMBER 2022

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26-27 SEPTEMBER 2022

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The distinguished presence of Professor Datuk Roziah Mohd Janor, the former Vice Chancellor of UiTM, added significance to the event. Over the course of two days, a total of 998 graduates received their degree and diploma scrolls from Professor Datuk Roziah Mohd Janor.

The INFO DAY achieved 4 objectives:

1. created awareness to the public of the ERASMUS projects undertaken by UiTM Sarawak;
2. introduced the new academic programme, the Master in Data to be offered once obtaining the approval;
3. provided publicity for the professional programmes were being developed online via the <https://vle.ind4-0-eu.my/>.
4. officially declared opened the ERASMUS+ Resource and Learning Centre (Appendix 1)

The event was widely covered by the media in the local, national newspapers and television channels. Some of the local and national news media links were as listed below:

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- <https://mindanc.uitm.edu.my/items/show/333> D3.5: FOODI Info Days in Partner Countries
- <https://www.theborneopost.com/2022/09/27/uitm-sarawaks-erasmus-resource-hubtofocus-on-research-innovation/>
- https://meitd.sarawak.gov.my/pages.php?mod=news&sub=news_view&nid=1511
- <https://www.utusanborneo.com.my/2022/09/26/erasmus-and-learning-centrerancakkanpenyelidikan-inovasi>
- <https://www.newsarawaktribune.com.my/initiative-to-boost-research-innovation/>
- <https://www.utm.my/erasmusplus/erasmus-cbhe-projects-in-malaysia-updated/>



Figure 1: UiTM InD4.0 Team with the former Vice Chancellor of UiTM

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Figure 2: Media coverage during the event



Figure 3: Showing equipment of InD4.0 to the public

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5.1.2 Report 2 (4 October 2023)

IND4.0 INFORMATION DAY REPORT

Date: 4th October 2023

Venue address:

Perpustakaan Tun Abdul Razak (PTAR)
Universiti Teknologi MARA Samarahan Campus 2, Jalan Meranek, 94300 Kota Samarahan,
Sarawak, Malaysia.

Link to the recorded Info Day

https://drive.google.com/drive/folders/1OLeAphE7FMoXPfj_HQh2Uy0RKnwQzOI?usp=sharing

Participants:

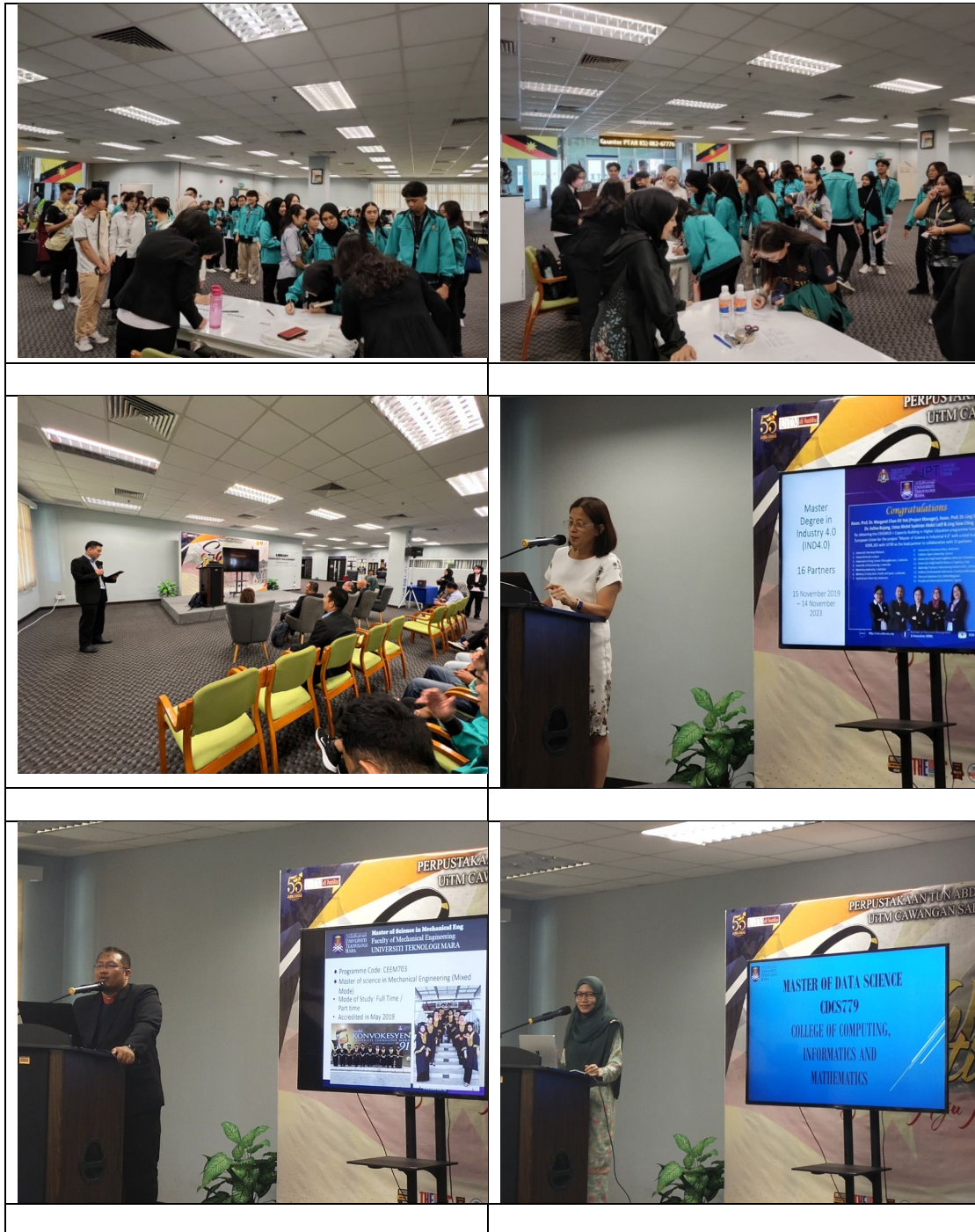
27 students from Computer Science
36 students from Chemical Engineering
10 students from Civil Engineering
10 students from Electrical Engineering
4 Speakers
8 participants from industries
11 Academic Staff
Total number of participants = 106
(Attendance attached)

Information day programme

Time	Activity
8.30am	Students depart from Campus 1
9.00 am – 9.15 am	Registration
9.15 am 9.30 am	Introduction to Erasmus Projects (Prof. Ts. Dr. Ling Siew Eng, College of Computing, Media and Mathematics)
9.30 am – 10.00 am	Sharing by Associate Professor Ir. Ts. Dr. Azli Abd Razak (Head, School of Mechanical Engineering)
10.00am – 10.45am	Introduction to Master of Data Science (Dr Shamimi A. Halim, College of Computing, Media and Mathematics, UiTM Shah Alam)
10.45 am – 11.30 am	Sharing by Dr. Suresh Sampath (Cranfield University, UK)
11.30 am – 12 noon	Survey & Interview
12.00 noon – 1.00 pm	Visit Erasmus Resources and Learning Centre
1.00 pm	Lunch



Activity photos









Overall feedback

Overall, respondents provide positive feedback on the Information Day. Table 1 summarized the data gathered from the survey.

Table 1: Summary of agreement levels from Information Day participants

Item	Level of agreement	Strongly Agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
I am willing to enrol to the MSc Programme shared this morning in future.	Number	18	41	13	1	1
	Percentage	24.3	52.7	17.6	1.4	1.4
I am willing to be employed in a relevant company as an intern through the MSc Programme.	Number	24	39	9	1	1
	Percentage	32.4	52.7	12.2	1.4	1.4
I am willing to be employed as a MSc graduate in a relevant company as an employee.	Number	21	43	8	1	1
	Percentage	28.4	58.1	10.8	1.4	1.4
The Info Day was very interesting for me and for my career goals.	Number	28	40	4	1	1
	Percentage	37.8	54.1	5.4	1.4	1.4
The Info Day was very well-structured and delivered.	Number	34	40	0	0	0
	Percentage	45.9	54.1	0.0	0.0	0.0
The Info Day was very informative.	Number	33	37	2	1	1
	Percentage	44.6	50	2.7	1.4	1.4
I believe I should enrol in the MSc Programme because the sector needs more graduates.	Number	20	41	11	1	1
	Percentage	27	52.7	14.9	1.4	1.4
I believe I should enrol in the MSc Programme because this will be beneficial for my career.	Number	22	40	10	1	1
	Percentage	29.7	54.1	13.5	1.4	1.4
I am very interested to keep receiving news about the progress of the MSc Programme and project in general in the future.	Number	18	43	11	1	1
	Percentage	24.3	58.1	14.9	1.4	1.4

Please, tell us in your own words, how you felt about the MSc Programme? Do you have any suggestions for its content and quality depending on your career goals?
(Sample of response given by participants)

I think that the MSc programme is very interesting and a good opportunity for my career goals. I'm very happy and grateful to know this MSc programme.

I feel determined knowing that I could pursue a different path with the certificate. I know that there is an opportunity for me to learn more knowledge regarding engineering, even though it is not specifically regarding chemical engineering. I don't have any detailed suggestions for the content itself.

Based on my career goal which is in engineering, the MSc Programme is beneficial and offers short but quality learning opportunities at a lower price when compared to similar MSc Programmes offered at other institutes.

Please, tell us in your own words, how you felt about the project in general? Do you have any suggestions for its content and quality depending on your career goals?
(Sample of response given by participants)

The project in general is a door of opportunity for young graduates to earn more experience and knowledge, knowing that there are a lot of experienced mentors that are going to be involved with the project.

I felt amazed that they manage to have collaboration with the universities around the world. It's feel good that they almost finish the project.

The project is great and amazing for our new generation to create more creative and innovation young people . This help little by little in making the new greater world and people.

The industrial participants stated that they are looking forward to sent their staff to the relevant professional training courses or Master degree course in order to develop their knowledge and skill especially on the digitalization and IR4.0 related field

Interview



Links of the recorded interviews are as follow:

Stakeholder

https://drive.google.com/file/d/1aPRobXR0NnI8qeZIsSe3LdMJFNRSZMxa/view?usp=drive_link

Students

https://drive.google.com/file/d/1okEe6UAiD7vPF09gwIHuXKiR7o7P2voE/view?usp=drive_link



Attendance list



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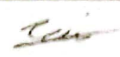




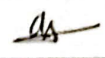


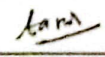




Chemical Engineering Students

NO	FULL NAME OF PARTICIPANT	EMAIL ADDRESS CONSENT FOR FURTHER CONTACT OVER EMAIL	TICK (V) IF ALREADY REGISTERED VLE COURSES	SIGNATURE
1	ADRIANA AMIRAH BINTI ROSLY	adrianaamirah0207@gmail.com	✓	
2	ANIS SUHAILA BINTI AHMAD MUJID	anisuhaila097@gmail.com	✓	
3	CAROLINA IJAH ANAK BENIT	carolinaijah08@gmail.com	✓	
4	CAROLYNE JANET ANAK ANDREW ISOT	cjisot@gmail.com	✓	
5	DAPFYNNE BAYCE ANAK WILSON	dapfynnebayce04@gmail.com	✓	
6	EASTHER FIORERA ANAK NELSON	eastherfioreira@gmail.com	✓	
7	EMELICH ANAK JIMMY	emelich04@gmail.com	✓	
8	ESZPAUL ESSYLE ANAK JESUS	eszpaulessyle@gmail.com	✓	
9	EUGENIA LAVANG JALONG	eugeniavng@gmail.com	✓	
10	FIONA NURATIKA BINTI MOHD JOHARI	fionanuratika@gmail.com	✓	
11	GRACIE DELILAH ANAK WALACE	dellahgray0408@gmail.com	✓	
12	HAZIQ HIZAMI BIN REZAL	thodakwat@gmail.com	✓	
13	HENNESIA RENE ANAK HENRY	nesiaqe@gmail.com	✓	
14	IGNATIA IRMINA ANAK JOSHUA	ignatiairminajoshua@gmail.com	✓	
15	JOVIANNE JADZIA	lalajadzia@gmail.com	✓	
16	MARCIA YONIE AK KASIM	yoniemarcia305@gmail.com	✓	



17	MIZA AINA BINTI MADEHI	2022846933@student.uitm.edu.my	✓	<i>Miza</i>
18	MOHAMAD MUTASHIM BIN MOHAMAD MUSTAPA	2023830138@student.uitm.edu.my	✓	<i>Mutashim</i>
19	MOHAMAD RADZI ADIE BIN RAZIMAN	202284736@student.uitm.edu.my	✓	<i>Radzi</i>
20	MOHAMAD ZAHID AIMAN BIN MOKHTAR	aimanzahid10@gmail.com	✓	<i>Zahid</i>
21	MUHAMMAD NEO FAZMIE JOEHER BIN JOHARI	neofazmie2502@gmail.com	✓	<i>Neofazmie</i>
22	NAJWAN NAZHAN BIN ABDUL AMIT	Najwan8104@gmail.com	✓	<i>Najwan</i>
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27	NUR SYURHAIDAH ASARAL	nursyurhaidah@gmail.com	✓	<i>Syurhaidah</i>
28	NURSYAZWANIE SYAZWIN BINTI MOHAMMAD	nursyazwaniesyazwin@gmail.com	✓	<i>Syazwin</i>
29	SHAHANA ADIN BINTI HASBULLAH	shana-adin22@gmail.com	✓	<i>Shahana</i>
30	SONIA SIGANG BINTI ABDULLAH	soniasigang2004@gmail.com	✓	<i>Sonia</i>
31	STYCIA VELLA ANAK MELING	202208694@student.uitm.edu.my	✓	<i>Stycia</i>
32	VALERYNNA ANAK ANDY	2022873024@student.uitm.edu.my	✓	<i>Valerynna</i>
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35	ZAID NAZMI BIN SYAIFUL KHAIDELL	abangzaid05@gmail.com	✓	<i>Zaid</i>
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Computer Science Students

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7	ALYSHA BINTI AZFAIRUL	alysahafairul@gmail.com		
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9	CHRISTIANO CARRELLO LANGGA ANAK RONNY	dangerousjourney11@gmail.com	X	
10	EUGENE VALENT ANAK JOE	eugenevalent12@gmail.com		
11	FARAH AFIFAH BINTI RAMLEE	farah11e43@gmail.com		
12	FRANCISSIA NILAM SAMPSON	franciassianilam2004@gmail.com		
13	GENEVIEVE AMANDA ANAK HEALLY	namahagenievieveheally@ gmail.com		
14	IFFAT HIRZI BIN EDWARD	iffat11@gmail.com		
15	JERICO ROSALES ANAK LEHO	jericho071104@gmail.com		

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21	MUHAMAD AKMAL ARIQ BIN SEMERAN	akmalariqsiff@gmail.com	..	<i>Akmal</i>
22	MUHAMMAD ADIFF ZAQUAN BIN AMAT	adiffzaquan10@gmail.com		<i>Adiff</i>
23	NUR RAZAN MAISARAH BINTI ASKAIMI @ ABOT	nrazanmaisarah@gmail.com		<i>Razan</i>
24	NUR SYARIZANIE ELLYANIE BINTI SUHAIMI	syarizanie49@gmail.com		<i>Syarizanie</i>
25	PHOEBE SUPANG LASUNG	lasungphoebe@gmail.com		<i>Phoebe</i>
26	SUHAMIZA BINTI SYAIFULLAH	suhamizasyaifullah@gmail.com		<i>Syamiza</i>
27	UMAR TARMIZI BIN MOHAMAD ISKANDAR			
28	YASMINE BINTI ABU BAKAR	yasominea@gmail.com		<i>Yasmine</i>

Electrical Engineering Students

NO	FULL NAME OF PARTICIPANT	EMAIL ADDRESS CONSENT FOR FURTHER CONTACT OVER EMAIL	TICK (✓) IF ALREADY REGISTERED VLE COURSES	SIGNATURE
1	ALDREY SYAHIRAN BIN ZULKARNAIN	aldreysyahiran@gmail.com	✓	Aldrey
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3	ESHAM SHUKERY BIN SAMSUDIN	eshamshuk3@gmail.com	✓	Esham
4	GEMMY MCINNEY ANAK RICKY	Gemmycinney@gmail.com	✓	Gemmy
5	IFFAH AFIFAH NAZURAH MATSUD	iffahmatsud@gmail.com	✓	Iffah
6	JEREMY NURLIS ANAK TAMOI	jayjerry1520@gmail.com	✓	Jeremy
7	MOHD HARITH BIN ABD MANAN	harith.abdmanan@gmail.com	✓	Harith
8	NUR HAZIQAH BINTI HUSAINI	pakiceni@gmail.com	✓	Nur Haziqah
9	NAZWAN ISKANDAR BIN GAPAR	nazwaniskandar@gmail.com	✓	Nazwan
10	OWEN ROBBIN	Owenrobbin7@gmail.com	✓	Owen




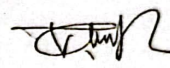


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Civil Engineering Students

NO	FULL NAME OF PARTICIPANT	EMAIL ADDRESS CONSENT FOR FURTHER CONTACT OVER EMAIL	TICK (V) IF ALREADY REGISTERED VLE COURSES	SIGNATURE
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3	EMMANUEL PHILIMON	2021625794@student-uitm.edu.my	✓	
4	MAYAH ANAK DKAN	202251764@student-uitm.edu.my	✓	
5	NUR DAHLIA BINTI MOHAMMAD UMAR	2022892214@student-uitm.edu.my	✓	
6	NUR IZZAH ATHIRAH BINTI AYOP	2021449022@student-uitm.edu.my	✓	
7	NUR QAMERINIE BINTI SARKAWI	2022945528@student-uitm.edu.my	✓	
8	ROJER ANAK MUDA	rojermuda@gmail.com	✓	
9	SITI AISYAH BINTI SULAIMAN	2021554454@student-uitm.edu.my	✓	
10	STEFFANNY LARRA ANAK RAJIS	lalanna.steffanny9403@gmail.com	✓	



Speakers

Full name of Speaker	Organisation	Email address Consent for further contact over email Not compulsory	Signature
Prof. Ts, Dr. Ling Siew Eng	College of Computing, Media and Mathematics UiTM Sarawak	lingse@uitm.edu.my	
Prof. Madya Ir. Ts. Dr. Azli Abd Razak	Head of School of Mechanical Engineering UiTM Shah Alam	azli@uitm.edu.my azlirazak@uitm.edu.my	
Dr. Shamimi A. Halim	College of Computing, Media and Mathematics UiTM Shah Alam	shamimi134@uitm- edu.my	
Dr. Suresh Sampath	Head of Gas Turbine Systems & Operations, Centre for Propulsion Cranfield University, UK	S.Sampath@ Cranfield.ac.uk	

Sample of data collected from Industrial participants



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ERASMUS+ INFO DAY (4TH OCTOBER 2023) – SURVEY FORM

ORGANISATION NAME : TKR SARAWAK

DESIGNATION : _____

GENDER : Male / Female

Please rate how much you agree with the following statements: <i>From 1 for strongly agree to 5 for strongly disagree</i>	1 Strongly Agree	2 Agree	3 Neither agree, nor disagree	4 Disagree	5 Strongly disagree
I intend to work closely in the future with the ERASMUS+ partners and make use of their project results.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I intend to employ students from the MSC Programme shared this morning in my company as interns.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I intend to employ the Msc Programme graduates in my company as employees.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am willing to register my company for the Professional Training Courses of the ERASMUS+ project so I can train my staff members.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ERASMUS+ Info Day was very interesting for me and for my company.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ERASMUS+ Info Day was very well-structured and delivered.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ERASMUS+ Info Day was very informative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ERASMUS+ Info Day was very well-organized for the purpose of bringing together all relevant stakeholders, from business representatives to students, graduates and teachers/trainers in Family Business Management.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I believe the shared MSc Programme will contribute something valuable to the field of Family Business Management.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

I believe many students should enrol in the shared MSc Programme because the sector needs more graduates.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I believe many students should enrol in the shared MSc Programme because this will be beneficial for their career.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am very interested to keep receiving news about the progress of the shared MSc Programme and project in general in the future.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Please, tell us in your own words how you felt about the <u>Info Day</u>? Are there any features that could had been better? What were its positive features? <i>Very informative</i></p>					
<p>Please, tell us in your own words, how you felt about the shared <u>MSc Programme</u>? Do you have any suggestions for its content and quality depending on your expertise? <i>Nil.</i></p>					
<p>Please, tell us in your own words, how you felt about the <u>project in general</u>? Do you have any suggestions for its content and quality depending on your expertise? <i>Nil.</i></p>					
<p><i>Thank you so much for your input! Your contribution and participation are valuable to us!</i> APPLY Project Team</p>					





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ERASMUS+ INFO DAY (4TH OCTOBER 2023) – SURVEY FORM

ORGANISATION NAME : M

DESIGNATION : AGM

GENDER : Male / Female

Please rate how much you agree with the following statements: From 1 for strongly agree to 5 for strongly disagree	1 Strongly Agree	2 Agree	3 Neither agree, nor disagree	4 Disagree	5 Strongly Disagree
I intend to work closely in the future with the ERASMUS+ partners and make use of their project results.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I intend to employ students from the MSC Programme shared this morning in my company as interns.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I intend to employ the Msc Programme graduates in my company as employees.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am willing to register my company for the Professional Training Courses of the ERASMUS+ project so I can train my staff members.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ERASMUS+ Info Day was very interesting for me and for my company.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ERASMUS+ Info Day was very well-structured and delivered.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ERASMUS+ Info Day was very informative.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The ERASMUS+ Info Day was very well-organized for the purpose of bringing together all relevant stakeholders, from business representatives to students, graduates and teachers/trainers in Family Business Management.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I believe the shared MSc Programme will contribute something valuable to the field of Family Business Management.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



I believe many students should enrol in the shared MSc Programme because the sector needs more graduates.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I believe many students should enrol in the shared MSc Programme because this will be beneficial for their career.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am very interested to keep receiving news about the progress of the shared MSc Programme and project in general in the future.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please, tell us in your own words how you felt about the <u>Info Day</u> ? Are there any features that could had been better? What were its positive features?					
Please, tell us in your own words, how you felt about the shared <u>MSc Programme</u> ? Do you have any suggestions for its content and quality depending on your expertise?					
Please, tell us in your own words, how you felt about the <u>project in general</u> ? Do you have any suggestions for its content and quality depending on your expertise?					
<p><i>Thank you so much for your input! Your contribution and participation are valuable to us!</i></p> <p>APPLY Project Team</p>					





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ERASMUS+ INFO DAY REGISTRATION

Full name	Signature
PROF. TS. DR. LING SIEW ENG	
ASSOCIATE PROF. DR MARGARET CHAN	
DR HAZMAN SELI	HADIR
DR LAU LEE CHUNG (336774)	
DR JUFERI IDRIS (219134)	
DR CHIEW FEI HA (170231)	
LING SIEW CHING	
NOR HAZIZAH BINTI JULAIHI (166863)	
DZUFI ISZURA	
JOE DAVYLYN NYUIN (177179)	
AIMA SUMIYATI BINTI MALAI	
ABUL KAZAL BIN BANA	
AHMAD KAMAL EFFENDY BIN AHMAD LUTFI	

Training hr. 4 hrs.



Sample of data collected from students

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S
1	Timestamp	Student ID	Gender	Programme	[I am will	[I am will	[I am will	[The Info	[The Info	[The Info	[I believe	[I believe	[I am ver	Please, te	Please, te	goals?			
2	2023/10/0	2.02E+09	Female	CEEH110	Neither A	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	The posit	All of the			
3	2023/10/0	2.02E+09	Female	CEEH110	Agree	Agree	Agree	Agree	Strongly A	Strongly A	Strongly A	Agree	Agree	Agree	I think it	It is a grea	I think that	this project is a brilliant i	
4	2023/10/0	2.02E+09	Female	CEEH110	Neither A	Agree	Agree	Agree	Strongly A	Agree	Agree	Agree	Strongly A	The info d	I feel ama	I feel proud and full of amazed beca			
5	2023/10/0	2.02E+09	Male	CEEH110	Agree	Strongly A	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Agree	Neither A	very infor	no sugges	no suggestions		
6	2023/10/0	2.02E+09	Female	CEEH110	Strongly A	Agree	Strongly A	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Strongly A	This progr	I felt this	I felt amazed knowing that it collab v		
7	2023/10/0	2.02E+09	Female	CEEH110	Strongly A	Agree	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Agree	Agree	It is very u	I am very	I think it is very great programme for		
8	2023/10/0	2.02E+09	Female	CEEH110	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Agree	It is very ii	I think tha	I am very grateful being introduced t		
9	2023/10/0	2.02E+09	Female	CEEH110	Neither A	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	For learni	I feel dete	The project in general is a door of op		
10	2023/10/0	2.02E+09	Female	CEEH110	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	I feel ama	I feel exci	I feel happy that project finally succe		
11	2023/10/0	2.02E+09	Male	CEEH110	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Fun	Interestin	Vast knowledge for student to obtai		
12	2023/10/0	2.02E+09	Male	CEEH110	Agree	Agree	Agree	Agree	Strongly A	Strongly A	Strongly A	Agree	Agree	Agree	Neither A	very infor	no sugges	no suggestions	
13	2023/10/0	2.02E+09	Female	CEEH110	Strongly A	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Neither A	It is very ii	No. The c	The project is brilliant because the cc	
14	2023/10/0	2.02E+09	Female	CEEH110	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Very excit	I have vari	Got new knowledge		
15	2023/10/0	2.02E+09	Female	CEEH110	Neither A	Neither A	Neither A	Strongly A	Agree	Strongly A	Neither A	Neither A	Neither A	Neither A	I feel very	Very excit	Happy and got new knowledge		
16	2023/10/0	2.02E+09	Male	CEEC110	Agree	Agree	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	So far so g	Interestin	Good		
17	2023/10/0	2.02E+09	Female	CEEH110	Neither A	Neither A	Neither A	Agree	Agree	Agree	Neither A	Agree	Agree	Agree	This type	(I love that	I felt amazed that they manage to ha		
18	2023/10/0	2.02E+09	Female	CEEE111	D	Agree	Agree	Agree	Neither A	Strongly A	Strongly A	Agree	Neither A	Agree	It was ver	I do not hi	No, it was very successful and infor		
19	2023/10/0	2.02E+09	Male	CEEE111	D	Strongly A	Strongly A	Strongly A	Agree	Agree	Agree	Agree	Agree	Agree	I feel so gi	I feel so gi	I feel so grateful that i can be able to		
20	2023/10/0	2.02E+09	Female	CEEH110	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	I love the	I feel good	I have no suggestions.		
21	2023/10/0	2.02E+09	Female	CEEH110	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	It is usefu	I felt happ	The project is amazing		
22	2023/10/0	2.02E+09	Female	CEEH110	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	I am not q	nope	no		
23	2023/10/0	2.02E+09	Female	CEEH110	Agree	Strongly A	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	very infor	i learned	(in general, i felt inspired and maybe		
24	2023/10/0	2.02E+09	Male	CDCS110	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Very inte	The progr.	No suggestion but wanted to join it		
25	2023/10/0	2.02E+09	Male	CEEH110	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	It's good	Great and	No suggestions		
26	2023/10/0	2.02E+09	Male	CEEE111	D	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Strongly A	Agree	Very infor	Good	The project is an attractive program f		
27	2023/10/0	2.02E+09	Male	CEEH110	Agree	Strongly A	Strongly A	Agree	Agree	Agree	Agree	Agree	Agree	Agree	yes. the ir	good. the	the program itself are good to studet		
28	2023/10/0	2.02E+09	Male	CEEE111	D	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Agree	Gain an ey	Personally it	â€”s going to raise students in a wa		
29	2023/10/0	2.02E+09	Male	CEEE111	D	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Good exp	More in di	The project was good for future engi		
30	2023/10/0	2.02E+09	Female	CEEH110	Agree	Agree	Agree	Strongly A	Agree	Strongly A	Agree	Agree	Agree	Agree	It was wel	No	It was a brilliant idea to collaborate v		
31	2023/10/0	2.02E+09	Female	CEEC110	Agree	Neither A	Neither A	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Well done	Well done	Well done		
32	2023/10/0	2.02E+09	Male	CEEC110	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Agree	Agree	Agree	Agree	Agree	Todayâ€”	It was an i	A perfect project to expose students		
33	2023/10/0	2.02E+09	Female	CDCS110	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	None	None	None		
34	2023/10/0	2.02E+09	Male	CEEH110	Agree	Agree	Agree	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Agree	i love how	i love it	i love it		
35	2023/10/0	2.02E+09	Female	CEEH110	Agree	Agree	Agree	Agree	Strongly A	Agree	Agree	Agree	Agree	Agree	I felt like	It was real	For now, i have no suggestions		
36	2023/10/0	2.02E+09	Male	CDCS110	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	.	.	.		
37	2023/10/0	2.02E+09	Male	CEEH110	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	Agree	many use!	it does sin	.		
38	2023/10/0	2.02E+09	Female	CEEH110	Agree	Strongly A	Agree	Strongly A	Strongly A	Strongly A	Strongly A	Agree	Agree	Strongly A	It was ver	Shows m	I think this project really gives us exp		
39	2023/10/0	2.02E+09	Female	CDCS110	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Strongly A	Very infor	no sugges	no suggestions		



5.1.3 Report 3 (3 November 2023)

IND4.0 INFO DAY REPORT

Date: 3th November 2023

Venue address:

Dewan Al-Ghazali, Kompleks Al-Khawarizmi,
Universiti Teknologi MARA, Shah Alam (Morning)

Smart Classroom, Computer Science 2, Complex Al-Khawarizmi,
Universiti Teknologi MARA, Shah Alam (Afternoon)

Participants:

- 7 students from Bachelor of Computer Science
- 6 students from Bachelor of Information Technology
- 6 students from Bachelor of Science (Hons.) Statistics
- 14 students from Bachelor of Science (Hons.) Actuarial Science
- 12 students from Bachelor of Science (Hons) Mathematics
- 11 students from Bachelor of Computer Science
- 9 students from Bachelor in Information Systems (Hons.) Information Systems Engineering
- 4 Speakers
- 31 Academic Staff
- Total number of participants = 100
- (Attendance from google form attached)

**ERASMUS INFO DAY
EDUCATIONAL TALK**

DATE 3 NOVEMBER 2023 **TIME** 08:30AM - 12:30PM **VENUE** Dewan Al-Ghazali, Kompleks Al-Khawarizmi, UTM Shah Alam

Meet Our Speaker:

- Speaker 1: Prof Ts Dr Ling Siew Eng**
(Professor KPPIM, UTM Cawangan Sarawak)
Topic : Educational programs under the ERASMUS project
- Speaker 2: Prof Ts Dr LAssociate Prof. Dr Norjansalka Janom**
(Head of Postgraduate Studies, KPPIM)
Topic : KPPIM Masters Programs
- Speaker 3: Freddy Loo**
(Director of Customer Engagement AI and Analytics, Fusionex International)
Topic : IR4.0: Are we Really There?

BOOK YOUR SEAT NOW

**KPPIM STUDENTS ARE INVITED!
BREAKFAST AND LUNCH ARE PROVIDED**

MDEC Premier Digital Tech Institution

@kppimultofficial - FB Rasmi @kppim_utm_official @kppimUtm KPPIM ICONIC IMPACTFUL

**ERASMUS INFO DAY
RESEARCH TALK**

Smart Classroom, CS 2, Kompleks Al-Khawarizmi, UTM Shah Alam 3 NOVEMBER 2023 At 2.30 PM TO 4.30 PM

TIPS ON WRITING A WINNING ERASMUS GRANT PROPOSAL

BOOK YOUR SEAT NOW

SPEAKER

KPPIM LECTURERS ARE INVITED

Prof Ts Dr Ling Siew Eng
Professor KPPIM, UTM Cawangan Sarawak

@kppimultofficial - FB Rasmi @kppim_utm_official @kppimUtm KPPIM ICONIC IMPACTFUL



Info day programme

Time	Activity
8.30 □ 9.00 am	Registration
9.00 am □ 9.15 am	National Anthem & UiTM Prayer recitation
9.15 am 9.30 am	Opening remarks (Prof. Ts. Dr. Haryani Haron, Assistant Vice Chancellor, College of Computing, Informatics and Mathematics)
9.30 am □ 10.00 am	Session 1: Introduction to IND4.o project Speaker: Professor Ts. Dr. Ling Siew Eng (College of Computing, Informatics and Mathematics)
10.00am □ 11.00am	Session 2: Introduction of Master Program under the project of IND4.0. Speaker: Associate Professor Dr Norjansalika Janom (Head of Graduate Studies, College of Computing, Informatics and Mathematics)
11.00 am □ 12.30 pm	Session 3: Industrial Talk Speaker: Mr Freddy Loo (Director of Customer Engagement AI and Analytics, Fusionex International)
12.30 pm □ 1.00 pm	Survey & Interview
1.00 pm □ 2.30 pm	Lunch Break
2.30 pm □ 4.30pm	Session 3: Sharing on ERASMUS projects, grant application procedures, Tips on writing a winning ERASMUS grant proposal. Speaker: Professor Ts. Dr. Ling Siew Eng (College of Computing, Informatics and Mathematics)

Link to the recorded Info Day

<https://drive.google.com/drive/folders/1bqPAqNZXroimErlMb9fNDkrS8Vno5iv8?usp=sharing> (Interview data)

PHOTOS







MINUTE OF THE INFO DAY

Overall feedback

Overall, the Info Day received positive feedback as summarized in Table 1.

Table 1: Summary of agreement levels from Info Day participants

Item	Level of agreement	Level of agreement				
		Strongly Agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
I am willing to enrol to the MSc Programme shared this morning in future.	Number	15	41	8	1	0
	Percentage	23.08	63.08	12.31	1.54	0.00
I am willing to be employed in a relevant company as an intern through the MSc Programme.	Number	58	7	0	0	0
	Percentage	89.23	10.77	0.00	0.00	0.00
I am willing to be employed as a MSc graduate in a relevant company as an employee.	Number	60	5	0	0	0
	Percentage	92.31	7.69	0.00	0.00	0.00
The Info Day was very interesting for me and for my career goals.	Number	42	21	2	0	0
	Percentage	64.62	32.31	3.08	0.00	0.00
	Number	51	14	0	0	0

The Info Day was very well-structured and delivered.	Percentage	78.46	21.54	0.00	0.00	0.00
The Info Day was very informative.	Number	62	3	0	0	0
	Percentage	95.38	4.62	0.00	0.00	0.00
I believe I should enrol in the MSc Programme because the sector needs more graduates.	Number	21	34	8	1	1
	Percentage	32.31	52.31	12.31	1.54	1.54
I believe I should enrol in the MSc Programme because this will be beneficial for my career.	Number	22	34	7	1	1
	Percentage	33.85	52.31	10.77	1.54	1.54
I am very interested to keep receiving news about the progress of the MSc Programme and project in general in the future.	Number	20	43	2	0	0
	Percentage	30.77	66.15	3.08	0.00	0.00

Samples of Qualitative Data Collected.

Please tell us, in your own words how you felt about the Info Day ? Are there any features that could had been better? What were its positive features?

I really have a great day.

Speakers explained the information very well.

The info day was great, a lot of info that I need.

The information given benefits the students who are interested to enroll the course shared today.

The information was perfectly delivered.

Have a lot of useful information.

It was great but I wish the master programmes offer can be explained more deeply.

Interesting. There is a lot of info about the projects done in UiTM Sarawak.

The Info Day is very helpful and useful. We got a lot of information about Erasmus project.

I gained more knowledge about postgraduation program and master program. It is a great information at this stage so that we can prepare ourselves for my next level of study.

Yes, I gain many new information about my future on the master course.

Very informative and eyes opening.

Interesting, Given me the vision for my future.

Interesting. More about career information. Best speaker and moderator.

It's a good programme to gain knowledge.

I hope there will post discussion between lecturer and speaker.

Interesting, do invite me for future talk.

Please, tell us in your own words, how you felt about the project in general? Do you have any suggestions for its content and quality depending on your career goals?
(Sample of response given by participants)

The project is good as the content were developed by many partners in a very scientific way.

The project may increase the industrial contents.

The project helps me to gain more knowledge.

Job opportunities in the future has many ways.

I am interested to join MSc Program.

Interesting. More in dept into advantages of the MSc Programme and what can it gives to the students. And want to know about more about MOU and MOA.

This project should have more recognition especially from students by sharing the outcome of the project.

The project is great, and I hope to see more of it

Please tell us, in your own words, how you felt about the MSc Program me? Do you have any suggestions for its content and quality depending on your career goals?
(Sample of response given by participants)

Msc programme sounds good to me, maybe students should know about this programme very informative and give insingt about the fee and syllabus to look up for

Interesting and seriously knowledgeable

The project is interesting.

The project is great to offer students interesting program for their PDVWHU degree.

It was nice, surely there will be a lot of other students that are interested


It was good and very beneficial to the students who are interested in further exploring industry 4.0 such as big data analysis and many more.

Opportunity for student to explore more information especially those who are interested in big data analysis industry.

Gain a new perspective for students in final semester in preparing for industrial training

The industrial is willing to work closely with university and they are looking forward to sending their staff to the relevant professional training courses or Master degree course to improve their knowledge and skill especially on the digitalization and IR4.0 related field.

INTERVIEW/ SATISFACTION REPORT

	<p>The participants highly valued the info day as it is very informative. Participant from industrial is willing to take the students to do internship and collaborate with university. Students interviewed are planning to take the master course in future.</p>
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Links of the recorded interviews are as follow:

<https://drive.google.com/drive/folders/1bqPAqNZXroimErlMb9fNDkrS8Vno5iv8?usp=sharing>

ATTENDANCE LIST

(use google form)

Timestamp	Name	Student No / Staff No	Contact number	Program Code	Emel
11/3/2023 8:10:29	Nur Afiqah Abd Hamid	336156	176141961	p&l KPPIM	afiqahhamid@uitm.edu.my
11/3/2023 8:10:31	PROF. DR MARGARET CHAN KIT YOK				drmchan@uitm.edu.my
11/3/2023 8:10:32	LING SIEW CHING				lingsc@uitm.edu.my
11/3/2023 8:12:14	Prof Ts Dr Ling Siew Eng	170943			lingse@uitm.edu.my
11/3/2023 8:15:29	Dr Syazreen Niza Shair	212267			syazreen@uitm.edu.my
11/3/2023 8:15:29	DR AHMAD ZIA UL-SAUFIE MUHAMAD JAPERI				ahmadzia101@uitm.edu.my
11/3/2023 8:15:29	Siti Sarah binti Saharudin	2020878294			2020878294@student.uitm.edu.my
11/3/2023 8:15:29	NUR NABILAH HAZWANI BT AZMI	370743			nabilahazwani@uitm.edu.my
11/3/2023 8:16:35	AHMAD HANIF BIN REDZUAN	2022497882	0107107151	CS240	2022497882@student.uitm.edu.my
11/3/2023 8:17:36	MUHAMMAD ZAKWAN HAKIMI BIN ROMZI	2022987469	0125778740	CS242	2022987469@student.uitm.edu.my
11/3/2023 8:17:41	NUR FAZILLA BINTI ABD GHAFAR	2022697584	011-21834907	CS241	2022697584@student.uitm.edu.my
11/3/2023 8:17:52	Nur Atiqah Sia Abdullah	170684	0133507486	Ketua	atiqah684@uitm.edu.my
11/3/2023 8:18:10	SITI SOFIA BINTI AZMI	2022907965	0199319452	CS242	2022907965@student.uitm.edu.my
11/3/2023 8:19:01	NURAFRINA IRWANI BINTI MOHD HISAM	202275527	0195594785	CS242	2022755527@student.uitm.edu.my

11/3/2023 8:21:24	Tajul Rosli Razak	290470	017659420 0	Sains Pengkom- puteran	tajulrosli@uitm.edu.my
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11/3/2023 8:21:31	Fadhilah Binti Aman	365347	012- 6856167	Sains Maklumat	fadhilahaman@uitm.edu.my
11/3/2023 8:21:31	Muhammad Adli Bin Amran	375654			adly@uitm.edu.my
11/3/2023 8:21:31	Prof Madya Dr Norjansalika Janom				norjansalika@uitm.edu.my
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11/3/2023 8:22:32	MUHAMAD FAIZAL BAHARUM	186429			faizal429@uitm.edu.my
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11/3/2023 8:22:58	Nurul Aini Hamizah binti Haidzir	2020872 954			2020872954@student.uitm.edu.my
11/3/2023 8:24:26	NAJWA ڤڤڤ BINTI MOHAMAD HANAPIAH	2021619 482	011267207 12	CS266	2021619482@student.uitm.edu.my
11/3/2023 8:24:30	NUR AIN SYAFINAZ BINTI AZHAR	2021494 894	011128376 79	CS266	2021494894@student.uitm.edu.my
11/3/2023 8:25:11	FAIRUS HUSNA BINTI ZAM	2021816 296	017450915 4	CS2665B	2021816296@student.uitm.edu.my
11/3/2023 8:25:12	ZAN AZMA NASRUDDIN	131649	019250979 9	KPPIM	zan649@uitm.edu.my
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11/3/2023 8:26:22	NAYLI BINTI SHAMSUL	2021829 808	013392728 9	CS255	2021829808@student.uitm.edu.my
11/3/2023 8:26:30	AFIQA ZAKIRAH BINTI AZLAN SHAH	2021454 088	010- 7852528	CS255	2021454088@student.uitm.edu.my
11/3/2023 8:26:36	NURUL FARZANA BINTI SUFIAN	2021816 708	011243018 66	CS255	2021816708@student.uitm.edu.my
11/3/2023 8:26:42	DAYANG SHAZLEEN FITRI BINTI AWANG SHARIEE	2021619 978	012892889 3	CS255	2021619978@student.uitm.edu.my
11/3/2023 8:26:52	NUR AMISYA BINTI AMIRUH	2021459 194	017907030 4	CS266	2021459194@student.uitm.edu.my
11/3/2023 8:26:53	Husna Izzati Binti Mohamad Zahid	2021886 852	019687261 8	CS255	2021886852@student.uitm.edu.my
11/3/2023 8:27:03	AIN SHERYNA BINTI MOHAMAD AZUWAN	2021486 308	013387177 0	Cs255	2021486308@student.uitm.edu.my

11/3/2023 8:27:07	NURAINIRA ZURAIN BINTI IDRIS	2021817 464	011210150 76	CS255	2021817464@student.uitm.edu.my
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11/3/2023 8:31:33	SITI NURFAZLIAH BINTI JUMALI	2021822 712	011514437 54	CS240	2021822712@student.uitm.edu.my
11/3/2023 8:31:47	MUHAMMAD AQIM BIN MOHD AZAM	2022748 179	017538151 0	CS242	aqimazam04@gmail.com
11/3/2023 8:31:47	WAN NUR ATIQA BINTI WAN MOHD AFFANDI	2021817 366	601491463 40	CS230	2021817366@student.uitm.edu.my
11/3/2023 8:32:14	MAZLILAH YUSOF	324304			mazlilahyusof@uitm.edu.my
11/3/2023 8:32:14	Nur Darwisyah Izzati Binti Tajudin	2020896 862			2020896862@student.uitm.edu.my
11/3/2023 8:32:14	IZZUDDIN BIN MOHD NASAR	333230			izzuddinnasar@uitm.edu.my
11/3/2023 8:32:14	Mr Freddy Loo				freddy.loo@fusionexgroup.com
11/3/2023 8:32:14	SITI NUR HANI BINTI MOHD ZAKI	2020862 808			2020862808@student.uitm.edu.my
11/3/2023 8:32:14	Muhammad Hamiduddin Bin Muhammad Radzi	2020477 454			2020477454@student.uitm.edu.my
11/3/2023 8:32:17	NURUL HIDAYAH BINTI MD NADZARI	2021454 672	112111708 1	CS230	hidayah.nadzari@gmail.com
11/3/2023 8:34:23	NUR HUSNINA IZZATI BINTI KAMARUDDIN	2021899 454	011151533 24	CS230	2021899454@student.uitm.edu.my
11/3/2023 8:34:39	NURULHUDA IMANAH BINTI ABD KHALIL	2021470 702	013296923 5	CS230	2021470702@student.uitm.edu.my
11/3/2023 8:34:41	LAILA NURHANANI BINTI SABUDIN	2022865 096	011407061 19	CS240	2022865096@student.uitm.edu.my
11/3/2023 8:34:44	NUR FAATIAH BINTI AZMI	2021609 782	012349032 9	CS230	2021609782@student.uitm.edu.my
11/3/2023 8:34:44	SALMA HUDA BINTI AHMAD MAHIZAN	2022925 959	011- 69516371	CS249	salmahudapx@gmail.com
11/3/2023 8:34:45	NUR NABIHAH BINTI SHAFEE	2022949 457	013593684 3	CS249	bihahshfe@gmail.com
11/3/2023 8:34:47	SITI HAJAR BINTI ISMAIL	2021627 502	014823957 4	Cs266	2021627502@uitm.edu.my
11/3/2023 8:35:47	NUR ERYNA BINTI ANUAR EFANDY	2021812 568	017592153 0	CS266	2021812568@student.uitm.edu.my
11/3/2023 8:35:48	Nor Mutiaraseri Bt Mohd ariff	2021486 232	019383804 8	CS255	normutiaraseri@gmail.com
11/3/2023 8:35:53	SITI NUR AMIRA AISYAH BINTI AZMI	2021626 838	017581527 0	CS2665B	2021626838@student.edu.my
11/3/2023 8:35:56	Azlie Johari	2022497 838	011572296 97	CS230	alfredtolee@gmail.com
11/3/2023 8:36:20	Fathul Khaliq bin Abdul Qahhar	2021473 944	013936896 6	CS249	fathulkhaliq73@gmail.com
11/3/2023 8:36:37	MUAWIYAH BIN IZANI	2022996 585	019207281 7	CS2416C	Muawiyahizani@gmail.com
11/3/2023 8:36:49	AIN DALIA BINTI MOHD ARRIF	2022926 155	011616245 13	CS242	yoainn@gmail.com
11/3/2023 8:37:52	JULIE ROSNIDA BINTI NORAZIZI	2022996 583	012384256 9	CS241	2022996583@student.uitm.edu.my
11/3/2023 8:38:00	AINUL HAYAT BIN SABARUDIN	2022758 259	016361044 5	CS241	ainulhaiyard11@gmail.com
11/3/2023 8:38:08	NURUL LIYANA AQILAH BINTI MOHD ZAMRI	2021610 246	017240731 6	CS240	yanakilah64@gmail.com

11/3/2023 8:38:12	Ayyub Muhammad Bin Amirulhusni	2022900531	01156315430	CS241	ayyub4amir@gmail.com
11/3/2023 8:39:31	Muhammad Syauqi Iman bin Shamsul Rijal	2022931141	019-7502647	CS242	Syauqi1101@gmail.com
11/3/2023 8:39:50	Natasha Bungan Anthony	2022987443	01151785774	CS249	2022987443@student.uitm.edu.my
11/3/2023 8:39:51	Raja Nurizzah Atirah binti Raja Idris	2022908059	01123448204	CS249	rajanurizzah24@gmail.com
11/3/2023 8:39:53	Ahmad Idzham bin Mohaiyidin	2022972779	0196798491	CS242	ahmadidzham007@gmail.com
11/3/2023 8:39:56	MUHAMMAD RAZIQ BIN ABDUL AZIZ	2022780191	0196500492	CS249	2022780191@student.uitm.edu.my
11/3/2023 8:40:01	Mohamad Nassim Syazwan Bin Mohammad Rosli	2022917627	01126278655	CS242	nassimsyazwan14@gmail.com
11/3/2023 8:40:02	MOHAMAD IKMAL FARIS BIN MUHARIS	2022815128	0129394844	CS230	2022815128@student.uitm.edu.my
11/3/2023 8:41:19	FATIMAH BINTI HAZIMI	2022793843	1110004277	CS249	ftmh0440@gmail.com
11/3/2023 8:42:04	NURUL HAZWANI BINTI MOHD ARIS	2022736191	01128532088	CS249	waniariss08@gmail.com
11/3/2023 8:42:16	NURDINI SOFEA BINTI SHARUDIN	2022931181	0176243271	CS249	nrdinisofea@gmail.com
11/3/2023 8:42:25	AMALIN ALANI BT MOHD AWI	2022787665	0-1139177248	Cs242	amalinalani@gmail.com
11/3/2023 8:42:54	ALYA ATHIRAH BINTI ZAINURIN	2022900555	0104369403	CS241	alyazainurin@gmail.com
11/3/2023 8:43:22	NUR HIDAYU BINTI MOHD ZAMRI	2022910379	01116948325	CS242	dayuzamri@gmail.com
11/3/2023 8:43:39	NUR AFIQAH BINTI MOHAMAD RADZI	2022782381	0146059581	CS249	afiqahradzi2108@gmail.com
11/3/2023 8:44:21	NADIAH HAZIQAH	2021603332	0195348190	CS255	2021603332@student.uitm.edu.my
11/3/2023 8:44:55	WARDINA SOFIYA BINTI MUHAMAD PAIZAL	2022919591	01151542597	CS242	wardinamuhamad@gmail.com
11/3/2023 8:45:29	AHMAD KHAUFI BIN RADWAN INDRA PHILIZ	2022908201	0163692430	CS242	khaufiphiliz47@gmail.com
11/3/2023 8:46:24	SITI NUR ALEEZA BINTI MOHD KAMAL	2022908017	0139392654	CS249	aqielza2312@gmail.com
11/3/2023 8:46:46	NUR ANIS FARHAIN BINTI MOHD ROMZI	355496	0137018601	Tiada	anisfarhain@uitm.edu.my
11/3/2023 8:47:10	Anis Sofiah binti Jumri	2021817024	011-233446819	CS255	2021817024@student.uitm.edu.my
11/3/2023 8:47:22	Nur Marwati Adriana Binti Mohamad	2021627826	0193940059	CS266	2021627826@student.uitm.edu.my
11/3/2023 8:47:31	NURFARISHA ATIKAH BINTI RAZLAN	2022745689	0134226579	CS242	farisha9701@gmail.com
11/3/2023 8:53:37	Nuraisyah Nadhirah Binti Muhamad Rizal	2021817328	0194788746	CS255	nadhirahaisyah9@gmail.com
11/3/2023 8:56:25	AHMAD IQBAL HAKIM SUHAIMI	320227	0132121704	CS240	aihakim@uitm.edu.my
11/3/2023 8:59:01	Mohamad Noorman Masrek	151849	0193410524	lm770	mnoorman@uitm.edu.my
11/3/2023 9:15:29	MUHAMMAD NABIL BIN AZMAN	2022981925	017-8639267	CS249	Muhammadnabil229@gmail.com

Sample of data collected from participants via google form (<https://forms.gle/MKQGTQeizs98ADSD9>)

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5.2 P02 - UTM (Universiti Teknologi Malaysia)



P0 2 - UTM INFO DAY REPORT

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Ind4.0 Master Degree in Industry 4.0
610455-EPP-1-2019-1-MY-EPPKA2-CBHE-JP

Report on Erasmus+ Ind. 4.0 Info Day Universiti Teknologi Malaysia

Date: October 7, 2023

Venue: Capacity Hub Building, Azman Hashim International Business School, UTM

Time: 10:00 AM

1. Objective

The primary goals of the Erasmus+ Ind 4.0 Info Day were to create awareness about the IND 4.0 Project, highlight the MBA program with IND 4.0 specialization, and facilitate networking through the establishment of a comprehensive database.

2. Agenda

The following is the activities done during the Info Day.

2.1 Briefing on MBA

The day commenced with a detailed briefing on the MBA program, emphasizing the significance of its IND 4.0 specialization. Attendees gained insights into the unique features and benefits of the program, preparing them for the evolving landscape of Industry 4.0.



2.2 Ice Breaking

An interactive ice-breaking session followed, fostering a conducive environment for participants to connect and engage. This session aimed to encourage networking among attendees, creating a sense of community and shared purpose.



2.3 Briefing on the Course Structure

Subsequently, participants received a comprehensive overview of the course structure within the context of IND 4.0. This included a breakdown of modules, key subjects, and hands-on learning experiences designed to equip students with practical skills for success in Industry 4.0.

3. Results

3.1 Awareness Creation

The event successfully achieved its objective of creating awareness about the IND 4.0 Project, shedding light on the transformative opportunities it offers in the realm of business education.

3.2 MBA Specialization Recognition:

Attendees gained a clearer understanding of the MBA program's specialization in IND 4.0, recognizing its relevance in preparing future business leaders for the challenges and opportunities presented by the fourth industrial revolution.

3.3 Networking Database

The establishment of a database facilitated networking among participants, providing a platform for ongoing collaboration and information exchange within the IND 4.0 community. The database is created based on the attendance record, attached in Appendix 1.

Conclusion:

The Erasmus+ Ind 4.0 Info Day effectively met its objectives of raising awareness about the IND 4.0 Project, showcasing the MBA program's IND 4.0 specialization, and fostering networking opportunities. The event laid a solid foundation for future collaboration and engagement within the rapidly evolving landscape of Industry 4.0.



ERASMUS MASTER IN IND4.0
INFO DAY
(in conjunction with MEET & MINGLE)

NO	NAME	COMPANY/INSTITUTION	SIGNATURE
	MOHD SHAFIQ BIN NAZLAN	MCMC	[Signature]
	KUALZINA BT KU BAHARUM	SME Bank Malaysia	[Signature]
	Maeva Apriza Putri	INDONESIA	[Signature]
	QIAO YIN HUI	CHINA	QIAO YIN HUI
	XIANG CHUN HONG	CHINA	XIANG CHUN HONG
	LIU XINYU	CHINA	LIU XINYU
	Li ziyi	CHINA	Li ziyi
	Fatin Atyhikin Mohd Shariff	CLO Empire 41	[Signature]
	Xu Mengdi	UTM	Xu Mengdi
	SHEICH MUDAHAL SHARAZAN	NEU DIMENSION SON BHD	[Signature]
	Mohd Wafi Abdul Rahman	MARA	[Signature]
	Hosrin Ab. Dulhamed	FGV Holdings	[Signature]
	RAJA MOHD AZLAN RAJA ADANAN	MBA	[Signature]
	ROSLIEZAN MD HUSAIN	FGV	[Signature]
	AMIRUL RAHIM BIN BAKARI	MBA	[Signature]
	UMAR PERVAIZ	DBA (HUAWEI)	[Signature]
	NUR IDARY BT MOHAMMAD	UTM	[Signature]
	ENGKU BADREENA BINTI ENGKU MOHAMMAD	ZAKI UTM	[Signature]
	SHAHIDA RAHAMAD	PETRONAS	[Signature]
	Muhammad Iwan bin Ahmad	KEM	[Signature]
	LAW JIA XIN	UTAR	[Signature]
	HELMY ISKANDAR B. NOFAN	MAY PERAK HOLDING	[Signature]



ERASMUS MASTER IN IND4.0

INFO DAY-

(in conjunction with MEET & MINGLE)

NO	NAME	COMPANY/INSTITUTION	SIGNATURE
23	PUTERI ANNUL HUSNA BIKTI MEGAT	UTM	
24	SITI ASMA' BINTI NIKMAT LEONG	UTM	
25	Nig Marissa Bt Henry	UTM	
26	Naimah mohamed	UTM	
27	RASHIDAN	UTM	
28	Nurhafizah	UTM	
29	Najmah	UTM	
30	Ahmad Nabil bin Kamarudin	UTM	
31	A-AIN SUBALDAH BINTI MUSTAFA KAMPAL	UTM	
32	Siti Razimah binti Mohd Tajuddin	UTM	
33	NOOR AISHAH MD YUSOF	UTM	
34	RADIATUL HADAVIYAH RAMLAN	UTM	
35	AHMAD FIRDAUS YAZID	UTM	
36	NUR ATIQAH BINTI AZMI	UTM	
37	Haliyaa Khalid	UTM	
38	IZTANI ZULKIFLI	UIA	
39	Fadzleen Md Hanipah	SHELL	
40	NORHAMIZAN FAUZI	MROT	
41	NUR NISA BINTI AMRAN	UTM	
42	nur shanikah binti shaari	UTM	
43			
44			



5.3 P03 – UniKL (Universiti Kuala Lumpur)



P0 3 - UniKL

INFO DAY REPORT

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Master Degree in Industry 4.0
610455-ERP-1-2019-1-MY-ERP9A2-CBHE-IP

Report on Erasmus+ Ind. 4.0 Info Day Sessions Universiti Kuala Lumpur (UniKL)

LIST OF SESSIONS:

A. Industry Info Sessions

1. Session with Inland Revenue Board of Malaysia, 19 September 2023
2. Ministry of Defence, 10 November 2023

B. Postgraduate Open Days

1. Microsoft Teams Consultation, 6 July 2023
2. Facebook Live Presentation, 29 August 2023
3. On-site Brewing Coffee Session, 13 October 2023

C. Webinar Series

1. Meeting the Industrial Demand with Master in Computer Science, 10 February 2023
2. Unlocking the Power of Data Science, 3 March 2023
3. Accreditation of Prior Experiential Learning (APEL) for Master in Computer Science, 10 October 2023

A. **INDUSTRY INFO SESSIONS – UNIVERSITI KUALA LUMPUR (UNIKL)**

Event Overview: UniKL MIIT organized two information sessions aimed at bridging the gap between academia and industry, fostering collaboration and knowledge exchange. The sessions focused on the integration of Data Science, AI, Information Security, and opportunities for postgraduate studies at UniKL.

1. Program A - In Collaboration with Inland Revenue Board of Malaysia



Date & Time: 19 September 2023, 10.00 am – 12.00 noon.

Venue & Platform: R&D Room, Level 2 & Microsoft Teams

Organizer: UniKL MIIT

Participating Organization: Inland Revenue Board of Malaysia

Session Highlights:

1. Productive Work with Data Science, AI, and Information Security:

- **Speaker:** Prof Dr Shahrulniza Musa, Professor – Cybersecurity & Technological Convergence
- The session delved into the practical aspects of leveraging Data Science, AI, and Information Security for enhanced productivity in the workplace. Prof Dr Shahrulniza Musa shared valuable insights and real-world applications, sparking engaging discussions among participants.

2. Postgraduate Studies in UniKL:

- **Speaker:** Ts. Dr Suzana Basarudin, Program Coordinator – Master in Computer Science
- Dr Suzana provided comprehensive information on postgraduate studies at UniKL, focusing on the Master in Computer Science program. Prospective students gained insights into the program structure, admission criteria, and the unique academic offerings of UniKL MIIT.

2. Program B - In Collaboration with Ministry of Defense



Date & Time: 10 November 2023, 10.00 am – 12.00 noon.

Platform: Microsoft Teams

Organizer: UniKL MIIT

Participating Organization: Ministry of Defense

Session Highlights:

1. Productive Work with Data Science, AI, and Information Security:

- **Speaker:** Prof Dr Shahrulniza Musa, Professor – Cybersecurity & Technological Convergence
- The second session reiterated the importance of Data Science, AI, and Information Security in the defense sector. Prof Dr Shahrulniza Musa's expertise provided valuable insights into the application of these technologies in defense operations.

2. Postgraduate Studies in UniKL:

- **Speaker:** Ts. Dr Suzana Basarudin, Program Coordinator – Master in Computer Science
- Dr Suzana's presentation highlighted the relevance of postgraduate studies at UniKL for professionals in the defense sector. The session facilitated discussions on how advanced education can contribute to the development of cutting-edge solutions for defense challenges.

Overall Outcome: Both sessions received positive feedback, with participants expressing appreciation for the informative content and the opportunity to interact with industry experts. The collaboration between UniKL MIIT and prominent organizations showcased the university's commitment to preparing students for the demands of the industry.

Conclusion: UniKL MIIT's Industry Info Sessions demonstrated a commitment to fostering collaboration between academia and industry, providing students with valuable insights, and showcasing the relevance of cutting-edge technologies in various sectors. The success of these sessions paves the way for future events aimed at strengthening ties between UniKL MIIT and industry partners.

B. POSTGRADUATE OPEN DAYS

Event Overview: UniKL MIIT hosted three diverse Postgraduate Open Day sessions to engage with the public and provide insights into the Master in Computer Science program. The events were conducted through various platforms and formats, catering to a broad audience.

1. Program A - Microsoft Teams Consultation

SESSION 2: Programme Consultation

POSTGRADUATE VIRTUAL OPEN DAY 2023

Ts. Nurdattillah Bt. Hasim
Associate Lecturer
Software Engineering Section

Dr. Suriana Ismail
Associate Professor
Technical Studies Centre
Malaysia Institute of Information Technology

Dr. Azizah Rahmat
Senior Lecturer
Program Coordinator MIIT

Dr. Mohd Hafiz Faizal Mohamd Kamil
Senior Lecturer
Program Coordinator MIIT

Ts. Dr. Suzana Basaruddin
Program Coordinator
Master of Computer Science

**6th July 2023
THURSDAY
3:00PM - 4:30PM**

Organised by Postgraduate Studies Section

www.unikl.edu.my/postgraduate/admission/ | UNIKL MIIT | MARA

Date & Time: 6 July 2023, 3.00 pm – 4.30 pm

Platform: Microsoft Teams

Organizer: UniKL MIIT

Audience: Public

Session Highlights:

Topic: Program Consultation

- **Consultant:** Ts. Dr Suzana Basarudin, Program Coordinator – Master in Computer Science
- The session provided an opportunity for potential applicants to receive personalized guidance and clarification about the Master in Computer Science program. Dr Suzana Basarudin addressed queries, discussed program details, and offered insights into the curriculum, admission process, and career prospects.

2. Program B - Facebook Live Presentation



Date & Time: 29 August 2023, 11.00 am – 12.00 noon

Platform: Facebook Live

Audience: Public

Session Highlights:

Topic: Forge Your Path for Master in Computer Science

- **Speaker:** Ts. Dr Suzana Basarudin, Program Coordinator – Master in Computer Science
- The Facebook Live session was a dynamic presentation aimed at reaching a wider online audience. Dr Suzana shared valuable information about the Master in Computer Science program, emphasizing the unique aspects and benefits of pursuing postgraduate studies at UniKL MIIT. The live format allowed for real-time interaction and Q&A.

3. Program C - On-site Brewing Coffee Session

Date & Time: 13 October 2023, 3.30 pm – 5.30 pm

Venue: Conference Room, Level 23, UniKL City Campus

Organizer: UniKL MIIT

Audience: Public



Session Highlights:**Topic: Brewing Coffee Session**

- The on-site event provided a distinctive experience by combining information about the Master in Computer Science program with an informal setting. Attendees had the opportunity to engage in casual conversations with UniKL MIIT representatives, fostering a friendly and approachable atmosphere.

Overall Outcome: The diverse formats of the Postgraduate Open Days facilitated a broad reach and engagement with the public. The consultation session allowed for personalized interactions, the Facebook Live presentation reached a wide online audience, and the on-site coffee session created a unique blend of information and networking.

Conclusion: UniKL MIIT's Postgraduate Open Days successfully engaged with the public through various platforms, demonstrating a commitment to transparency, accessibility, and creating a welcoming environment for potential postgraduate students. These events have not only provided valuable information but have also established connections with a diverse audience interested in advancing their careers through postgraduate studies in computer science at UniKL MIIT.

C. WEBINAR SERIES

Overview: UniKL organized a series of webinars to address pertinent topics in the field of InD4.0, showcasing the Master in Computer Science program and related subjects. The webinars were conducted on Facebook Live, making them accessible to a wide public audience.

1. Program A - Meeting the Industrial Demand with Master in Computer Science



Date & Time: 10 February 2023, 11.00 am

Platform: Facebook Live

Organizer: UniKL MIIT

Audience: Public

Session Highlights:

- **Speakers:**
 1. Ts. Dr. Suzana Basarudin, Program Coordinator – Master in Computer Science
 2. Nor Rizam Mazlan – Senior Engineer, Sapura Secured Technologies
 3. Muhammad Sufiyan Abdul Wahid – Senior IT Auditor, Crowe Malaysia

The session focused on aligning the Master in Computer Science program with industrial demands. Speakers shared insights into the relevance of the program in the professional landscape. The diverse perspectives from industry experts provided valuable real-world context.

2. Program B - Unlocking the Power of Data Science



Date & Time: 3 March 2023, 11.00 am

Platform: Facebook Live

Organizer: UniKL MIIT

Audience: Public

Session Highlights:

- **Speakers:**
 1. Ts. Dr Suzana Basarudin, Program Coordinator – Master in Computer Science
 2. Assoc Prof Dr Megat Farez Azril Zuhairi – Informatics & Analytics Section
 3. Assoc Prof Ts Dr Munaisyah Abdullah – Coordinator, Research & Innovation
 4. Ts Nurdatillah Hasim – Program Coordinator, Master in Data Science

This session delved into the world of data science, featuring experts from academia and industry. The discussion covered the program's curriculum and the practical applications of data science. The multidisciplinary panel offered a holistic perspective on the subject.

3. Program C - Accreditation of Prior Experiential Learning (APEL) for Master in Computer Science



Date & Time: 10 October 2023, 11.00 am – 12.00 noon

Platform: Facebook Live

Organizer: UniKL MIIT

Audience: Public

Session Highlights:

- **Speakers:**
 1. Ts. Dr. Suzana Basarudin, Program Coordinator – Master in Computer Science
 2. Ts. Dr. Amna Saad – Deputy Director, Centre for Quality Assurance
 3. Muhammad Firdaus Abdul Rahman – IT Support Analyst, University of Nottingham Malaysia Campus

The APEL session aimed to enlighten potential candidates about the accreditation process for prior experiential learning. The speakers outlined the benefits and procedures, and a firsthand account from a professional who underwent APEL added a practical perspective.

Overall Outcome: The webinar series successfully engaged the public, providing valuable insights into the Master in Computer Science program and related topics. The combination of academic expertise and industry perspectives enhanced the credibility and relevance of the sessions.

Conclusion: UniKL MIIT's Webinar Series demonstrated a commitment to knowledge dissemination and engagement with the public. The diverse topics, expert speakers, and interactive format contributed to the success of the series, fostering a sense of community and shared learning in the field of computer science.



5.4 P04 – UHST (University of Heng Samrin Thbongkhmum)



P0 4 - UHST

INFO DAY REPORT

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IND4.0 INFO DAY

23 October 2023

University of Heng Samrin Thbongkhmum

<https://www.ind4-0-eu.my>

SPEAKERS



Assoc. Prof. PIN Tara

Status of Cambodian Higher Education and its digital transformation



Mr. HUON Soknymp

Entrepreneurship the Capital for Youth of Set Careers and Life Goals



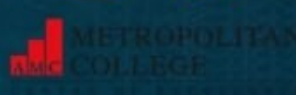
Mr. TY Sopanha

Drone Application in Agriculture in Industry 4.0



Mr. LANG La

Master Degree Curriculum on Industry 4.0



REPORT

IND4.0 INFO DAY ON MASTER DEGREE IN INDUSTRY 4.0

UHST, THBONGKHMUM PROVINCE, CAMBODIA

23 OCTOBER 2023

INTRODUCTION

On Monday 23th October 2023, University of Heng Samrin Thbongkhmum (UHST) has organized the **Ind4.0 Info Day** under presided-over by **H.E. Assoc. Prof. PIN VANNARO**, Rector of UHST and there are 65 participations from all level in the University of Heng Samrin Thbongkhmum. This Info Day was organized at Meeting Hall of UHST under the theme **Master Degree in Industry 4.0** The Ind4.0 info day was organized under the project **Master Degree in Industry 4.0, Ind4.0** - A capacity building project approved in the European Framework of higher education (Ref. No. **610455-EPP-1-2019-1-MY-EPPKA2-CBHE-JP**) financed by EACEA under the ERASMUS+ Capacity Building in the field of Higher Education (CBHE). The programs started on 09:00AM of 23 October 2023.

AGENDAS

- Opening Remark by H.E. Assoc. Prof. **PIN Vannaro**, Rector of the University of Heng Samrin Thbongkhmum.
- Project Summary, Introduction, Objectives, and Key Activities by Assoc. Prof. **PIN Tara**, Vice Rector of UHST and Project Coordinator of Ind4.0-UHST.
- Status of Cambodian Higher Education and its digital transformation by Assoc. Prof. **PIN Tara**, Vice Rector of UHST and Project Coordinator of Ind4.0-UHST
- Entrepreneurship the Capital for Youth of Set Careers and Life Goals by **Mr. HUON Soknymph**, Commercial Arbitrator/Mediator at National Commercial Arbitration Center (NCAC), Phnom Penh, Cambodia.
- Drone Application in Agriculture in Industry 4.0 by **Mr. TY Sopanha**, Lecturer at Faculty of Forestry, Royal University of Agriculture, Phnom Penh.
- Master Degree Curriculum on Industry 4.0 by **Mr. LANG La**, Vice Dean in Faculty of Business Administration and Entrepreneurship, UHST.
- Closing ceremony by H.E. Assoc. Prof. **PIN Vannaro**, Rector of the University of Heng Samrin Thbongkhmum.

ACTIVITIES AND RESULTS

- **Assoc. Prof. PIN Tara**, Vice Rector and Ind4.0 Project Coordinator, UHST delivered welcome remarks along with the objective of the info day and gave a brief operation of the Ind4.0 Project. Following the welcome remarks by **H.E. Assoc. Prof. PIN VANNARO**, Rector of UHST, delivered opening remarks and the encouragement for students to study more and more in the field of Industry 4.0.
- **Assoc. Prof. PIN Tara** shared his presentation on context and strategy, ongoing tasks and achievements (academic programs, research, and governance), and towards digital education. Moreover, he shows the laboratory establishment and some products by using Industry 4.0 technology.
- **Mr. HOUN Soknim** shared his presentation by raising definitions and benefits of entrepreneurship. He continued to share his own meaningful experience both success and failures to the audiences and how to handle those obstacles successfully. Also, he pointed out three important points to succeed in life are: Competence, meaningful relationships and good character.
- **Mr. TY Sopanha** shared his presentation on how to use and maintain a drone, how to use of drones to produce maps, aerial images and build data into QGIS. He also provided Theory in class and practice in the field. For this day students can able to: describe the composition and maintenance of drones, apply drones for aerial photography, use drones to collect data for fly plan project, Analyze data from drone for ortophoto in pix4D Program and Design ortophoto from pix4D Program into QGIS software.
- **Mr. LANG La** shared his presentation with three vital contents of the Ind4.0 to the audiences namely: industry 4.0 meaning and definition, SWOT analysis and Industry 4.0 Curriculum. In this info day, he would like to highlight what is called an Industry 4.0 to the junior and senior students. Then he showed the very detail of industry 4.0 curriculum and welcome all the UHST and non-UHST students to enroll in this program with special scholarships.
- The last session, Question and Answers from Key note speeches and participants. At the end summary and reporting of the Ind4.0 info Day, certificated awarding and closing remarked by **H.E. Assoc. Prof. PIN Vannaro** and The Ind4.0 Info Day ended at 04.00 PM of 23 October 2023.

APPENDIX 1: INFO DAY PROGRAMME



Co-funded by
the European Union



TENTATIVE AGENDA INFO DAY ON MASTER DEGREE IN INDUSTRY 4.0 23 OCTOBER 2023

Time	Activities	Venue
08:30-09:00AM	Registration Ms. MEAS Sreylen and Ms. RAY Kuy A Project Staff, UHST	Conference Hall Building C UHST
09:00-09:30AM	Introduction of Ind4.0 Project, Activities and Achievement. Assoc. Prof. PIN Tara Project Coordinator, UHST	Conference Hall Building C UHST
09:30-10:00AM	Welcome Speech and Open Ceremony H.E. Assoc. Prof. PIN Vannaro Rector, UHST	Conference Hall Building C UHST
10:00-10:30AM	Snack	-
10:30-11:15AM	Presentation 1: Status of Cambodian Higher Education and its digital transformation H Assoc. Prof. PIN Tara Project Coordinator, UHST, Cambodia	Conference Hall Building C UHST
11:15-12:00AM	Presentation 2: Entrepreneurship the Capital for Youth of Set Careers and Life Goals Mr. HUON Soknymph National Commercial Arbitration Center, NCAC	Conference Hall Building C UHST
12:00-01:30AM	Lunch	-
01:30-02:15AM	Presentation 3: Drone Application in Agriculture in Industry 4.0 Mr. TY Sapanh Royal University of Agriculture, RUA, Cambodia	Conference Hall Building C UHST
02:15-03:00PM	Presentation 4: Master Degree Curriculum on Industry 4.0 Mr. LANG La Vice Dean, UHST, Cambodia	Conference Hall Building C UHST
03:00-03:30AM	Snack	-
03.30-04:00PM	Closing Ceremony and Certificate Providing H.E. Assoc. Prof. PIN Vannaro Rector, UHST, Cambodia	Conference Hall Building C UHST

... END OF PROGRAMME ...

APPENDIX 2: INFO DAY FLYER



The flyer features a dark blue background with a light blue circuit board pattern. At the top left, there are logos for Ind4.0 ERASMUS+ CBHE and the University of Heng Samrin Thbongkhmum. At the top right, the European Union flag and text 'Co-funded by the Erasmus+ Programme of the European Union' are displayed. The main title 'IND4.0 INFO DAY' is in large, bold, blue and white letters. Below it, the date '23 October 2023' and the location 'University of Heng Samrin Thbongkhmum' are listed, along with the website 'https://www.ind4-0-eu.my'. A lightbulb icon is positioned below the website. The word 'SPEAKERS' is written in large, light blue letters. Three circular portraits of speakers are shown: Assoc. Prof. PIN Tara, Mr. HUON Soknymph, and Mr. TY Sopanha. Below each portrait is their name and a brief description of their topic. At the bottom, there is a row of logos for partner institutions: UTM, Hellenic Open University, Skybridge, Metropolitan College, and BK-CON.

Ind4.0
ERASMUS+ CBHE

វិទ្យាស្ថានអង្គសំរិន
UNIVERSITY OF HENG SAMRIN THBONGKHMUM

Co-funded by the
Erasmus+ Programme
of the European Union

IND4.0 INFO DAY

23 October 2023
University of Heng Samrin Thbongkhmum
<https://www.ind4-0-eu.my>

SPEAKERS

Assoc. Prof. PIN Tara
Status of Cambodian Higher
Education and its digital
transformation

Mr. HUON Soknymph
Entrepreneurship the Capital
for Youth of Set Careers and
Life Goals

Mr. TY Sopanha
Drone Application in
Agriculture in Industry 4.0

Mr. LANG La
Master Degree Curriculum
on Industry 4.0

UTM
HELLENIC OPEN UNIVERSITY
SKYBRIDGE
METROPOLITAN COLLEGE
BK-CON

APPENDIX 3: PICTURES SESSION







APPENDIX 4: LIST OF PARTICIPANTS





















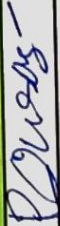
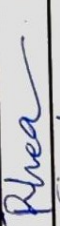




































Ind4.0 INFO DAY
" Master Degree in Industry 4.0"
Organized by:
University of Heng Samrin Thbongkhnum
Thbongkhnum, 23 October 2023

No.	Name	Gender	Position	Organization	Year	Signature
1	Assoc. Prof. PIN Tara	M	Vice Rector	UHST	-	
2	Mr. NGIN Ny	M	Dean	UHST	-	
3	Ms. UON Sophal	F	Head of Department	UHST	-	
4	Ms. MEAS Sreylen	F	Head of Department	UHST	-	
5	Mr. SAN Kong	M	Lecturer	UHST	-	
6	Mr. LANG La	M	Head of Office	UHST	-	
7	Ms. RAY Kuy A	F	Project staff	UHST	-	
8	Mr. THAI Ro	M	Student	UHST	4	
9	Mr. OEUNG Royal	M	Student	UHST	4	
10	Ms. HOEUN Sreyhach	F	Student	UHST	4	
11	Mr. DEAM Sovannan	M	Student	UHST	4	
12	Ms. SROEURN Sreyoun	F	Student	UHST	4	

No.	Name	Gender	Position	Organization	Year	Signature
13	Mr. HIET FAISAL	M	Student	UHST	4	
14	Ms. KORN Tong Eu	F	Student	UHST	4	
15	Mr. CHAB Ratha	M	Student	UHST	4	
16	Ms. CHHON Sivty	F	Student	UHST	4	
17	Ms. CHOEUN Sreymom	F	Student	UHST	4	
18	Ms. CHHIT Champa	F	Student	UHST	4	
19	Mr. DAVY Davit	M	Student	UHST	4	
20	Ms. THAI Sreylen	F	Student	UHST	4	
21	Ms. NORNG Ratanakvisal	F	Student	UHST	4	
22	Ms. NI Sreyleak	F	Student	UHST	4	
23	Ms. PROM Chenda	F	Student	UHST	4	
24	Mr. MAN Saky	M	Student	UHST	4	
25	Ms. MANN Sreymoun	F	Student	UHST	4	
26	Mr. CHENDA Seangleng	M	Student	UHST	4	
27	Ms. CHANTY Chhahior	F	Student	UHST	4	
28	Ms. TAIM Sizah	F	Student	UHST	4	
29	Ms. TOUCH Champisey	F	Student	UHST	4	
30	Ms. PRAK Soriya	F	Student	UHST	4	

No.	Name	Gender	Position	Organization	Year	Signature
31	Ms. PHANN Ousa	F	Student	UHST	4	
32	Ms. PAO Sorphea	F	Student	UHST	4	
33	Ms. MAT Rosavy	F	Student	UHST	4	
34	Ms. MATH Aisas	F	Student	UHST	4	
35	Ms. SOR Sarvdey	F	Student	UHST	4	
36	Mr. HAM Sithea	M	Student	UHST	4	
37	Mr. SRUN Sren	M	Student	UHST	4	
38	Mr. HUON Kumpheak	M	Student	UHST	4	
39	Mr. LE Som An	M	Student	UHST	4	
40	Mr. SEAT Mantert	M	Student	UHST	4	
41	Ms. MATH Sren Miroh	F	Student	UHST	4	
42	Ms. CHOUN Marady	F	Student	UHST	4	
43	Mr. NEANG Sumatra	M	Student	UHST	4	
44	Ms. THON Sreyneang	F	Student	UHST	4	
45	Mr. ALY Rohvykyn	M	Student	UHST	4	
46	Mr. SENG Chunleng	M	Student	UHST	4	
47	Mr. HEANG Chivann	M	Student	UHST	4	
48	Mr. HUN Pharen	M	Student	UHST	4	

No.	Name	Gender	Position	Organization	Year	Signature
49	Mr. LEM Lavy	F	Student	UHST	4	
50	Ms. KIE Narith	F	Student	UHST	4	
51	Ms. KEO Nary	F	Student	UHST	4	
52	Ms. KAY Samsiyah	F	Student	UHST	4	
53	Ms. CHHAY Sreyneng	F	Student	UHST	4	
54	Mr. LO Bunnat	M	Student	UHST	4	
55	Mr. BUN Lak	M	Student	UHST	4	
56	Mr. MANG Den	M	Student	UHST	4	
57	Ms. YOEURN Sreyhuy	F	Student	UHST	4	
58	Mr. PHEAP Phea	M	Student	UHST	4	
59	Mr. MATH Sarin	M	Student	UHST	4	
60	Mr. SEITH Arafin	M	Student	UHST	4	
61	Mr. MUSA Rofot	M	Student	UHST	4	
62	Mr. SEM Tin	M	Student	UHST	4	
63	Mr. RY Ruon	M	Student	UHST	4	
64	Mr. EAM Channy	M	Student	UHST	4	
65	Ms. EAT Nasiroh	F	Student	UHST	4	



5.5. P05 – NUBB (National University of Battambang)



P0 5 - NUBB INFO DAY REPORT

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IND4.0 INFO DAY REPORT

This Info day aims to disseminate widely our new program of Master of Business Administration in Digital Business Management to our stakeholders in order to link our educational program to private sectors. It is organized also for internship possibilities followed by lunch and networking.

Date: 9th June 2023

Venue address:

Industry 4.0 study Hall at the National University of Battambang.
National road number 5, Sangkat Prek Preah Sdach, Battambang district, Battambang province

Link to the recorded Info Day

<https://nubb.edu.kh/en/2023/06/16/the-information-day-which-is-supported-by-erasmus-cbhe-project-industry-4-0/>

<https://www.ind4-0-eu.my/index.php/news-events/153-nubb-information-day>

Participants: 3 NUBB academic staff, 4 lecturers, 10 students, 13 stakeholders. Total : 30



Information day programme



INFORMATION DAY

National University of Battambang

Date: June 9th, 2023 Venue: Ind4.0 study Hall

Tentative program

Time (PM)	Activities	Responsible person
7:30-8:00	Registration	NUBB Team
8:00-8:20	Opening remarks by H.E. SOK Khorn, Rector of NUBB	NUBB Team
8:20-8:30	Group Photo Session in front of NUBB's library	NUBB Team
8:30-10:30	Presentation on "Pathway to Ind4.0 development of graduate programs at NUBB" by Dr. CHEA Ratha, Dean of Graduate School	NUBB Team
10:30-11:00	<i>Coffee Break</i>	NUBB Team
11:00-12:00	Presentation on "Survey result of master program of Master of Business Administration in Digital Business Management" by Mr. THY Samnang, Vice dean of Graduate School	NUBB Team
	<i>Lunch Break</i>	NUBB Team
14:00-16:00	New curriculum presentation and Discussion	NUBB Team
16:00-16:20	<i>Coffee Break</i>	
16:20-17:20	Presentation of each group	NUBB Team
17:20-17:30	QA Session	NUBB Team

Contact for further information: Dr. Ratha CHEA

Tel: +855 12 319045

Email: chea.ratha@nubb.edu.kh



Scan here and spend 1 min to fill this QA

Thank you for your time!



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PHOTOS



SATISFACTION REPORT

Most of the companies expressed an interest in taking at least one student for internship and they are willing to recruit our graduate students for their availability positions in the near future.

On my own side, it was actually a successful information day. Companies are interesting in our program and our capacity.

Overall, respondents provide positive feedback on the Information Day.

		Strongly disagree	Disagree	Neither agree nor disagree	Agree	Strongly agree
1	Level of the importance of the event for study and career	0	0	0	7	22
2	Level of satisfaction of the materials provided	0	0	0	5	24
3	Level of satisfaction of the overall arrangement of the event	0	0	3	5	21
4	Level of satisfaction of the program	0	0	3	5	21

We have recorded videos of 2 students. The Videos will be posted in the media of project as well as that of NUBB. Here is the link to see the video of: [Testimonials for Master of Business Administration in Digital Business Management in National University of Battambang \(NUBB\) \(ind4-0-eu.my\)](https://www.youtube.com/watch?v=...)

We have also done the quality assurance. Below is the sample of data collected

#	A	B	C	D	E	F	G	H	I	J	K	L	M
1	Timestamp	ឈ្មោះ	តំណែង	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	1	2	3	4	5		
2	6/9/2023 9:23:23	Loosimo Mara	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
3	6/9/2023 9:23:35	THAY SOVANNPITOU	គ្រូបង្រៀន	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
4	6/9/2023 9:23:39	LY Vannarath	គ្រូបង្រៀន	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
5	6/9/2023 9:24:24	Hun Ray	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
6	6/9/2023 9:29:11	HOEUN SENGHONG	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	4	4	4	4	4		
7	6/9/2023 9:37:11	HIEN SOPHEAKTRA	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	4	5	5	3	3		
8	6/9/2023 9:39:12	LY Rambo	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
9	6/9/2023 9:39:35	Lan Bunrosy	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	4	4	4	4		
10	6/9/2023 9:42:54	Yay Marina	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	4	4	4	4	4		
11	6/9/2023 10:30:28	Huot Sinoum	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
12	6/9/2023 10:30:30	TAN Solida	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
13	6/9/2023 10:35:03	Thy Samnang	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
14	6/9/2023 10:38:20	Chea Ratha	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
15	6/9/2023 10:38:36	Toam Man	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
16	6/9/2023 10:40:32	Thoem Sreymien	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
17	6/9/2023 10:40:40	Chan Punleu	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	4	4	4	4	4		
18	6/9/2023 10:43:20	MAN Fazy	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	4	5	3	3	3		
19	6/9/2023 10:43:45	Tie Ton	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
20	6/9/2023 10:43:47	Ngel Seang hai	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
21	6/9/2023 10:43:49	Bun Reaksmev	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
22	6/9/2023 10:44:05	Pan Minea	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
23	6/9/2023 10:44:10	HAM Nan	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
24	6/9/2023 10:44:12	Ean Sitha	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	4	4	4	4	4		
25	6/9/2023 10:44:15	Cheun Saroeun	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	4	5	3	3	3		
26	6/9/2023 10:44:25	Son Vichet	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
27	6/9/2023 10:44:40	Bo Pichkeasa	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
28	6/9/2023 10:45:07	Khan Solot	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
29	6/9/2023 10:45:22	Chev Vathana	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
30	6/9/2023 10:45:35	Chan Ratha	សិស្ស	ស្ថាប័ន	ថ្ងៃ	ម៉ោង	5	5	5	5	5		
31													
32													
33													
34													

ATTENDANCE LIST

Master Degree in Industry 4.0 (Ind4.0)
Project Number 610455-EPP-1-2019-1-MY-EPPKA2-CBHE-IP

INFO DAY

Date: June 9, 2023

Venue: National University of Battambang

No	Mr/Ms, Title	First Name	Last Name	Institution Position / Department / Programme	Signature
16	Mr.	Seanhai	Ngot	BTEC	[Signature]
17	Mr.	Sovath Pitou	Thai	Department of Education, Youk & Sport	[Signature]
18	Ms	Mara	Loung	Student	[Signature]
19	Mr	Bunrassy	Loas	Mitsota	[Signature]
20	Mr	Setha	Ean	Mitsota	[Signature]
21	Mr	Solit	Khun	Water Aid	[Signature]
22	Mr	Rambo	Ly	IFL	[Signature]
23	Mr	Ravy	Hut	NAVITA	[Signature]
24	M	Sarokun	Cheng	NAVITA	[Signature]
25	Mr	Senglong	Hoem	Student	[Signature]
26	Mr.	Sivan	Huot	BTP - Leather Education College	[Signature]
27	Mr.	Vidut	Son	FIB	[Signature]
28	Ms.	Vathona	Chev	Cambodia Chamber of Commerce - CB	[Signature]
29	Ms	PichKeasa	Op	Canada	[Signature]
30	Mr.	Raki	Chan	AGA	[Signature]

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PE 1



Master Degree in Industry 4.0 (Ind4.0)

Project Number 610455-EPP-1-2019-1-MY-EPPKA2-CBHE-JP

INFO DAY

Date: June 9, 2023

Venue: National University of Battambang

No	Mr/Ms, Title	First Name	Last Name	Institution Position / Department / Programme	Signature
1	Mr.	Neavea	TEP	Vice Rector of NUBB	
2	Mr.	Ratha	CHEA	Dean of Graduate school	
3	Mr.	Samnang	THY	Vice dean	
4	Mrs.	Solida	TAN	lecturer	
5	Mr.	Sopheaktra	HEEN	lecturer	
6	Mr.	Easy	HAN	lecturer	
7	Mr.	Han	TOAH	student	
8	Mr.	Minea	PAN	student	
9	Mr.	Ton	TE	student	
10	Ms.	Maxina	YAY	student	
11	Ms.	Nan	HAM	student	
12	Ms.	Sreymien	THOEURN	student	
13	Mr.	Vannarath	LY	lecturer	
14	Mr.	Runkeu	Chan	student	
15	Ms.	Reaksreay	Don	student	

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DE 3



5.6 P06 – MCU (National University of Mean Chey)



P0 6 - MCU

INFO DAY REPORT

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5.6.1 Report 1 Info Day

Date :26 Jan 2023

Venue address : NMU MEETING HALL

Participants :44 students from Faculty of Science and Technology and Faculty of Agriculture and Food Processing

Information day Programme:

TIME	Description of Program
13.00	Participant Register
13.30	Welcome Speech
13.45	Presentation on Smart Farming Technology in IoT to Industry 4.0
14.30	Presentation on Curriculum Master Degree ind4.0
15.30	Question and Answer

PHOTOS



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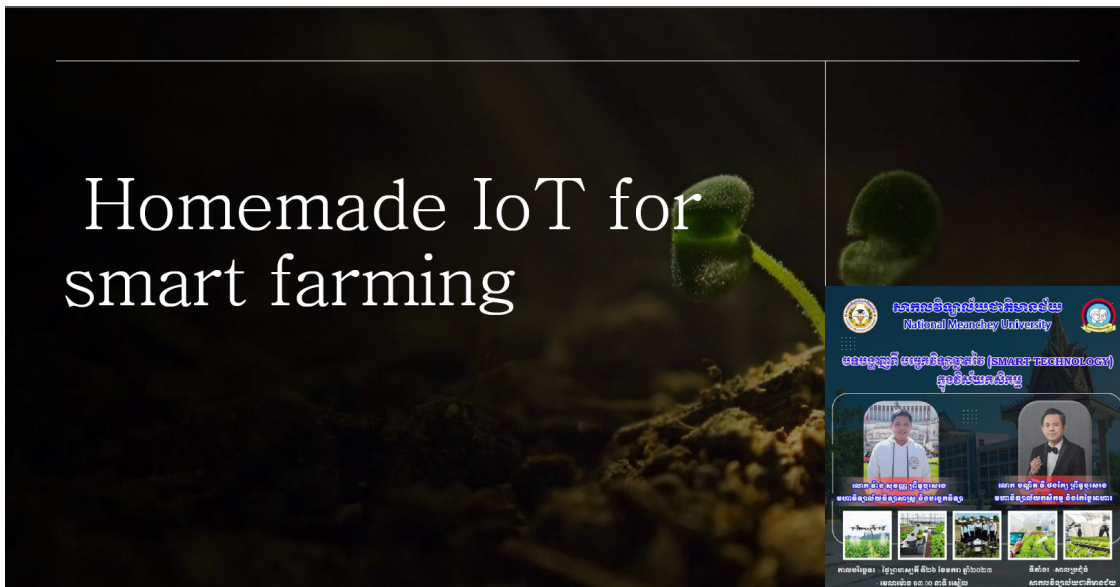
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MINUTE OF THE INFO DAY

Open Remark by Mr. Chea Soern Vice Rector of National Meanchey University is welcome to all student and object of Info day event to day have object as following:

Student will know the what Smart Farming a agriculture today

Student will have concept or innovation for smart farming

Student will know new program Master degree of University on Master Degree in Ind4.0

Dr. Veu Thakrak : The presentation on Smart Farming Technology in the context of the Internet of Things (IoT) and Industry 4.0 delves into the transformative impact of modern technologies on agriculture, introducing the concept of Smart Farming a integration of IoT, Artificial Intelligence (AI), Big Data, and Automation. The subsequent section outlines various applications of Smart Farming, encompassing precision agriculture, livestock monitoring, automated farming equipment, and crop health monitoring. Emphasis is placed on the tangible benefits arising from the integration of Smart Farming with IoT, including enhanced efficiency, optimized resource utilization, data-driven decision-making, and a positive impact on sustainability. Real-world case studies are presented to illustrate successful implementations, providing concrete examples of the transformative power of these technologies.

Mr. VANG Sovann: Presentation on Curriculum Master Degree ind4.0, A Master's Degree in Industry 4.0 offers a comprehensive curriculum designed to equip students with the knowledge and skills necessary to navigate the challenges and opportunities in the rapidly evolving landscape of the fourth industrial revolution, Curriculum Structure the Program Objectives, Core Subject, Major Subject, Compulsory Subject/Research Subject, Elective Subject.

In conclusion, student uncovered how the integration of IoT technologies is revolutionizing traditional farming practices. The application of precision agriculture, real-time monitoring, and data-driven decision-making showcased the potential for increased efficiency, resource optimization, and sustainable agricultural practices. Understanding the significance of Smart

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Farming is crucial not only for the advancement of agriculture but also for addressing global challenges related to food security and environmental sustainability.

On the other hand, the overview of the Master's Degree curriculum in Industry 4.0 has shed light on the educational path required to navigate the complexities of the fourth industrial revolution. By offering a blend of courses subject, this curriculum aims to empower students with a deep understanding of IoT, AI, Big Data, and Cyber-Physical Systems. The hands-on projects, exposure to real-world case studies, and collaboration with industry partners prepare students to be leaders in implementing and advancing Industry 4.0 technologies.

5.6.2 Report 2 Info Day

Date : 13 June 2023

Venue address: Provincial Hall

Participants : 55 students from Faculty of Science and Technology and 100 student from High School have listen the presentation and Smart farming Demo

Information day Programme:

TIME	Description of Program
08.30	Participant Register
09.00	Welcome Speech
09.15	Presentation on STEM Education in Industry 4.0
10.00	Demo Smart Farming

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PHOTOS



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ការប្រើប្រាស់បច្ចេកវិទ្យានៅក្នុងចំការល្វើ



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កិច្ចសហប្រតិបត្តិការ



MINUTE OF THE INFO DAY

After the presentation on STEM Education in Industry 4.0, The participant have understanding Industry 4.0 represents the fourth industrial revolution characterized by the integration of digital technologies into various aspects of manufacturing and industry. STEM (Science, Technology, Engineering, and Mathematics) plays a crucial role in driving and shaping the advancements associated with Industry 4.0.

STEM fields are at the forefront of developing and implementing automation and robotic systems in manufacturing processes. This includes the design, programming, and maintenance of robots used in smart factories.

STEM professionals contribute to the development of IoT technologies, which involve connecting physical devices and systems to the internet for data exchange. In Industry 4.0, IoT is used for real-time monitoring, predictive maintenance, and overall efficiency improvements.

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Ind4.0

Master Degree in Industry 4.0
610455-EPP-1-2019-1-MY-EPPKA2-CBHE-JP

D3.5 Ind4.0 Info days in partner countries

Co-funded by the
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AI and ML are applied in various aspects of Industry 4.0, such as predictive maintenance, quality control, and process optimization. STEM professionals are involved in creating algorithms, models, and systems that enable machines to learn and make decisions. STEM experts contribute to advancements in 3D printing technologies, allowing for the production of complex and customized components. This can lead to more efficient manufacturing processes and the creation of innovative products.

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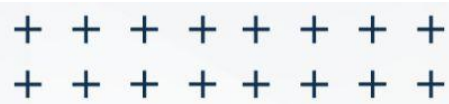
5.7 P08 – UnSyiah (Universitas Unsyiah Kuala)



P0 8 - Unsyiah INFO DAY REPORT

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INFO DAY REPORT

UNIVERSITAS SYIAH KUALA

MASTER DEGREE IN INDUSTRY 4.0



UNIVERSITAS SYIAH KUALA
2023



IND4.0 INFORMATION DAY REPORT

Date: 4th October 2023

Venue address:

Seminar Room

Jurusan Teknik Elektro dan Komputer, Program Studi Magister Teknik Elektro
Jalan Tengku Syech Abdur Rauf No. 7 Darussalam - Banda Aceh, Indonesia, 23111.

Link to the recorded Info Day

https://drive.google.com/drive/folders/1OLeAphE7FMoXPfj_HQh2Uy0RKnwQzOI?usp=sharing

Participants:

40 students from Computer Engineering
3 Speakers
6 Academic Staff
Total number of participants = 49
(Attendance attached)

Information day program

Time	Activity
9.00 am ☒ 9.15 am	Registration
9.15 am 9.30 am	Introduction to Erasmus Projects (Prof. Dr. Ir. Samadi, M.Sc., Dean of the Faculty of Agriculture, Syiah Kuala University)
9.30 am ☒ 10.00 am	Sharing by Prof. Dr. Hizir (Head, Postgraduate Study, University of Syiah Kuala)
10.00am ☒ 10.45am	Fast track program to support Masters in Industry 4.0 (Associate Professor Dr. Ir. Roslidar, ST., M.Sc., IPM., ASEAN Eng (Head, Master of Electrical Engineering))
10.45 am ☒ 11.30 am	Sharing by Yudha Nurdin, ST., MT. (Computer Engineering Staff, USK)
11.30 am ☒ 12 noon	Survey & Interview
12.00 noon ☒ 1.00 pm	Visit Erasmus Resources and Learning Centre
1.00 pm	Lunch

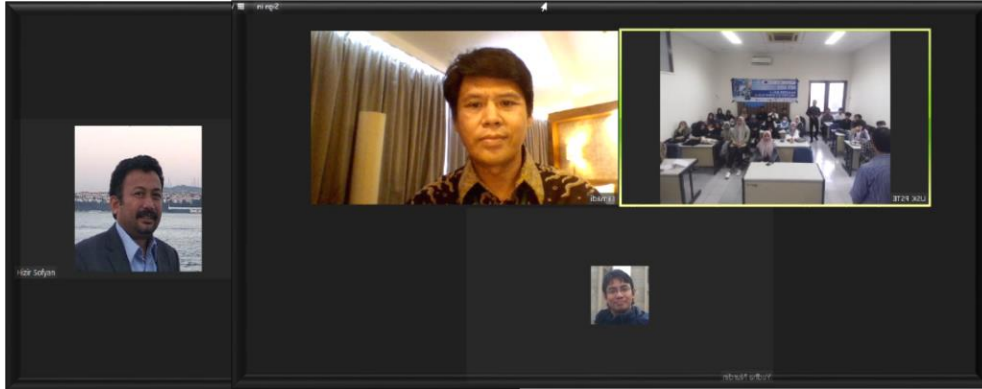
Activity photos



Info days participants



Registration Activity



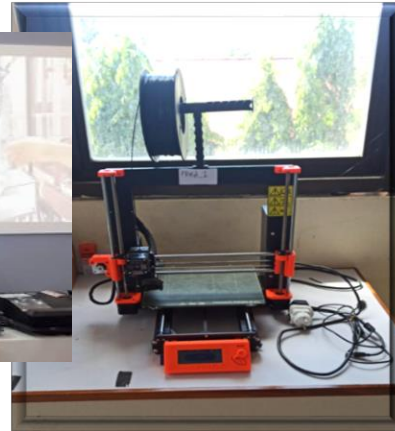
Introduction to Erasmus Projects
(Prof. Dr. Ir. Samadi, M.Sc., Dean of the Faculty of Agriculture, Syiah Kuala University)
and Sharing by Prof. Dr. Hizir (Head, Postgraduate Study, University of Syiah Kuala)



Fast track program to support Masters in Industry 4.0
(Associate Professor Dr. Ir. Roslidar, ST., M.Sc., IPM., ASEAN Eng (Head, Master of Electrical Engineering))



Fast track program to support Masters in Industry 4.0
(Associate Professor Dr. Ir. Roslidar, ST., M.Sc., IPM., ASEAN Eng (Head, Master of Electrical Engineering))



Visit Erasmus Resources and Learning Centre





Survey & Interview

INFO DAY (4TH OCTOBER 2023) – SURVEY FORM
 FULL NAME : PUTRI LATIFAH ASRINI NGSIH
 STUDENT ID No. : 2104111010083

Please rate how much you are agree with the following statements : <i>From 1 for strongly agree to 5 for strongly disagree</i>	1 Strongly Agree	2 Agree	3 Neither Agree, nor Disagree	4 Disagree	5 Strongly Disagree
I am willing to enroll to the MSc Program in Industry 4.0 shared this morning in future.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am willing to be employed in a relevant company as an intern through the MSc Program in Industry 4.0.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am willing to be employed as aMSc graduate in a relevant company as an employee.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Info Day in Industry 4.0 was very interesting for me and for my career goals.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Info Day in Industry 4.0 was very well-structured and delivered.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
The Info Day in Industry 4.0 was very informative.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I believe I should enroll in the MSc Program in Industry 4.0 because the sector needs more graduates.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I believe I should enroll in the MSc Program in Industry 4.0 because this will be beneficial for my career.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I am very interested to keep receiving news about the progress of the MSc Program in Industry 4.0 and project in general in the future.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please, tell us in your own words how you felt about the industry 4.0 Info Day?	<i>I THINK THIS PROGRAM WILL BE VERY POPULAR BECAUSE THE CURRICULUM</i>				
Please, tell us in your own words, how you felt about the shared Magister Program of Industry 4.0? Do you have any suggestions for its content and quality depending on your expertise?	<i>EXPERIENCE IN DEVELOPED COUNTRIES MEANS THAT WE CAN ACCELERATE IMPROVEMENTS IN QUALITY OF EDUCATION IN INDONESIA, ESP. USK.</i>				
<small>Thank you very much for your input. Your contribution and participation are valuable to progress and sustainability of this program.</small>					

Overall feedback

Overall, respondents provide positive feedback on the Information Day. Table 1 summarized the data gathered from the survey.

Table 1: Summary of agreement levels from Information Day participants

Item	Level of agreement	Strongly Agree	Agree	Neither agree nor disagree	Disagree	Strongly disagree
I am willing to enroll to the MScProgram in Industry 4.0 shared this morning in future.	Number	9	29	1	1	0
	Percentage	22.5	72.5	0.25	0.25	0
I am willing to be employed in a relevant company as an intern through the MSc Program in Industry 4.0.	Number	15	23	1	1	0
	Percentage	37.5	57.5	0.25	0.25	0
I am willing to be employed as a MSc graduate in a relevant company as an employee.	Number	13	24	2	1	0
	Percentage	32.5	60	5	0.25	1.4
The Info Day in Industry 4.0 was very interestingfor me and for my career goals.	Number	17	21	1	1	0
	Percentage	42.5	52.5	0.25	0.25	0
The Info Day in Industry 4.0 was very well-structured and delivered.	Number	15	25	0	0	0
	Percentage	37.5	62.5	0	0	0
The Info Day in Industry 4.0 was very informative.	Number	20	20	0	0	0
	Percentage	50	50	0	0	0
I believe I should enroll in the MScProgram in Industry 4.0 because the sector needs more graduates.	Number	11	26	2	1	0
	Percentage	27.5	65.0	5	2.5	0
I believe I should enroll in the MScProgram in Industry 4.0 because this will be beneficial for my career.	Number	10	15	2	1	0
	Percentage	25.0	37.5	5	2.5	0
I am very interested to keep receiving news about the progress of the MSc Program in Industry 4.0 and project in general in the future.	Number	14	24	1	1	0
	Percentage	35.0	60.0	2.5	2.5	0

Please, tell us in your own words, how you felt about the MSc Program in Industry 4.0? Do you have any suggestions for its content and quality depending on your career goals?

(Sample of response given by participants)

I am happy that this program has opened up so that concentration options can be more diverse. I think that the MSc program in Industry 4.0 is very interesting and a good opportunity for my career goals.

I think this program will be very popular because the curriculum is in the role of European curriculum standard.

When combined with the fresh graduate program, this program will be more beneficial for students in terms of finances and speed of graduation.

Please, tell us in your own words, how you felt about the project in general? Do you have any suggestions for its content and quality depending on your career goals?

(Sample of response given by participants)

I think this program is more profitable in terms of quality because it collaborates with many parties, especially industry and European parties (Erasmus Project).

Many parties are involved in the program offered, including European countries which have implemented link and match concepts between industry and universities.

Experience in developed countries means that we can accelerate improvements in the quality of education in Indonesia, especially at Syiah Kuala University.

Brochure and PPT

PROGRAM STUDI MAGISTER TEKNIK ELEKTRO FAKULTAS TEKNIK UNIVERSITAS SYIAH KUALA

"SELEKSI PENERIMAAN MAHASISWA BARU TAHUN AJARAN 2023/2024"

* Peningkatan Sumber Daya Manusia Era Society 5.0 Bersama Program Studi Magister Teknik Elektro Universitas Syiah Kuala *

BIDANG KONSENTRASI

1. Teknologi Informasi (TI)
2. Teknik Telekomunikasi (TT)
3. Manajemen Energi dan Kualitas Tenaga Listrik (MK)
4. Teknik Listrik Energi Terbarukan (ET)
5. Teknik Biomedis (TB)
6. Teknik Otomasi Industri (TO)
7. Industry 4.0 (IND 4.0).

JADWAL PENDAFTARAN
8 MEI - 14 JULI 2023

DIPERPANJANG HINGGA
28 JULI 2023

SYARAT SELEKSI
<https://pendaftaran-pps.unsyiah.ac.id/login>

ATAU SCAN QR CODE BERIKUT

CONTACT PERSON:
+62 823 7013 8409

0823-7013-8409 | mte.usk.ac.id | <http://mte.usk.ac.id/>

Jl. Tgk. Syech Abdurrauf No.7 Darussalam, Banda Aceh

HISTORY AT A GLANCE

Electrical Electronic Engineering has been developed program in the Faculty of Engineering, Universitas Syiah Kuala (USK) in accordance with the National Higher Education Standard (SN-HE) in 2012. The program was established in 1992 and in 2012 was reclassified from the National Standard SN-HE to SN-HE of Electrical Engineering for the year 2012. The program was established in 1992 and in 2012 was reclassified from the National Standard SN-HE to SN-HE of Electrical Engineering for the year 2012.

VISION

To become an innovative, independent and leading comprehensive program in the area of electrical engineering use in the global level.

MISSION

1. To become a comprehensive program in electrical engineering and related disciplines for the use of knowledge, innovation and quality resources (Energy Management and Research, Electrical Engineering, Industrial Engineering, and Industry 4.0) that will make them to use up to date with the latest technological developments, thereby providing the best services.
2. To become a comprehensive program that generates innovation based research and development in electrical engineering in the field of electrical engineering, including: electrical engineering, energy management and power quality, research, electrical engineering, industrial engineering, industrial automation engineering, and industry 4.0.
3. To become a comprehensive program that provides high-quality education and research in electrical engineering and related disciplines at the national and international level.
4. To become a leading program in electrical engineering and related disciplines in the field of knowledge, innovation and quality resources (Energy Management and Research, Electrical Engineering, Industrial Engineering, and Industry 4.0) that will make them to use up to date with the latest technological developments, thereby providing the best services.

LABORATORY

1. Lab. Telecommunication Engineering
1. Lab. Computer Network
1. Lab. Data Processing
1. Lab. Digital
1. Lab. Control System
1. Lab. Power Electronic
1. Lab. Energy Storage and Microgrid System
1. Lab. Embedded System & IoT
1. Lab. System & Instrumentation

PPS ONLINE REGISTRATION FLOW SYIAH KUALA UNIVERSITY

- 01
- 02
- 03
- 04
- 05
- 06
- 07

ACCREDITED B
By BAN-PT Decree No. 3642/SK/BAN-PT/Akred/M/XXI/2014 & No. 3642/SK/BAN-PT/Ak-PPI/M/V/2022

Telp. 0823-7013-8409
Email: mte@usk.ac.id
Website: <http://mte.usk.ac.id/>

Jl. Tgk. Syech Abdurrauf No.7 Darussalam, Banda Aceh

CONCENTRATION FIELD

1. Telecommunication Engineering (TI)
2. Energy Management and Quality and Quality Power
3. Research and Energy Electrical Engineering (RE)
4. Industrial Automation Engineering (IAE)
5. Industry 4.0 (IND 4.0)

CURRICULUM

Year	Semester	Course Name	ECTS
1	1	Mathematics 1	4
	2	Physics 1	4
	3	Engineering Mathematics 1	4
	4	Introduction to Electrical Engineering	4
2	1	Mathematics 2	4
	2	Physics 2	4
	3	Engineering Mathematics 2	4
	4	Introduction to Electrical Engineering	4
3	1	Mathematics 3	4
	2	Physics 3	4
	3	Engineering Mathematics 3	4
	4	Introduction to Electrical Engineering	4
4	1	Mathematics 4	4
	2	Physics 4	4
	3	Engineering Mathematics 4	4
	4	Introduction to Electrical Engineering	4
5	1	Mathematics 5	4
	2	Physics 5	4
	3	Engineering Mathematics 5	4
	4	Introduction to Electrical Engineering	4
6	1	Mathematics 6	4
	2	Physics 6	4
	3	Engineering Mathematics 6	4
	4	Introduction to Electrical Engineering	4
7	1	Mathematics 7	4
	2	Physics 7	4
	3	Engineering Mathematics 7	4
	4	Introduction to Electrical Engineering	4
8	1	Mathematics 8	4
	2	Physics 8	4
	3	Engineering Mathematics 8	4
	4	Introduction to Electrical Engineering	4
9	1	Mathematics 9	4
	2	Physics 9	4
	3	Engineering Mathematics 9	4
	4	Introduction to Electrical Engineering	4
10	1	Mathematics 10	4
	2	Physics 10	4
	3	Engineering Mathematics 10	4
	4	Introduction to Electrical Engineering	4

LECTURERS & RESEARCH FIELD

Gelar S1 dan S2 dalam 5 Tahun Melalui Program FastTrack Universitas Syiah Kuala

Koordinator Program Studi Magister Teknik Elektro
Dr. Ir. Roslidar, S.T., M.Sc. IPM, ASEAN Eng.

Program FastTrack

Merupakan Program yang mengintegrasikan program S1 dan S2 agar dapat meluluskan Sarjana dan Master dalam waktu 5 tahun

Kapan dan Bagaimana??

1	2	3	4	5	6	7	8	Program s1
						7	8	Program s2

Kapan dan Bagaimana ??

1	2	3	4	5	6	7	8	Program s1
						7	8	Program s2

IPK 3.5

Kapan dan Bagaimana??

1 2 3 4 5 6 7 8 Program s1

120 SKS Program s2 7 8 9 10

Kapan dan Bagaimana??

1 2 3 4 5 6 7 8 Program s1

TOEFL 500 Program s2 7 8 9 10

Kapan dan Bagaimana??

1 2 3 4 5 6 7 8 Program s1

IPK 3.5 Program s2 7 8 9 10

120 SKS TOEFL 500

SPP ???

1 2 3 4 5 6 7 8 Program s1

Program s2 7 8 9 10

SPP S1

SPP ???

1 2 3 4 5 6 7 8 Program s1

Program s2 7 8 9 10

SPP S2 + BOP S2

Konsentrasi Peminatan di MTE

1. Teknologi Informasi
2. Teknik Telekomunikasi
3. Manajemen Energi dan Kualitas Tenaga Listrik
4. Teknik Listrik Terbarukan
5. Teknik Biomedis
6. Teknik Otomasi Industri
7. Industri 4.0 (Double Degree)


Konsentrasi Peminatan di MTE

1. Teknologi Informasi
2. Teknik Telekomunikasi
3. Manajemen Energi dan Kualitas Tenaga Listrik
4. Teknik Listrik Terbarukan
5. Teknik Biomedis
6. Teknik Otomasi Industri
7. Industri 4.0 (Double Degree)

Sekian

Terima kasih



















Attendance list for Student



**KEMENTERIAN PENDIDIKAN, KEBUDAYAAN
 RISET, DAN TEKNOLOGI
 UNIVERSITAS SYIAH KUALA
 FAKULTAS TEKNIK
 JURUSAN TEKNIK ELEKTRO DAN KOMPUTER
PROGRAM STUDI MAGISTER TEKNIK ELEKTRO
 Jalan Tengku Syech Abdur Rauf No. 7 Darussalam – Banda Aceh 23111
 Laman: <http://mte.usk.ac.id> ; Email: mte.pps@usk.ac.id**

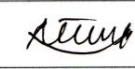


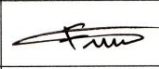

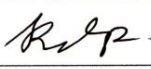




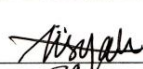
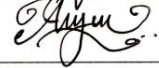





DAFTAR HADIR PESERTA

Hari / Tanggal : Rabu, 27 September 2023
 Kegiatan : Infodays MTE

No	Nama	NPM	Tanda Tangan
1.	AUFA RAFIKI	2104111010010	
2.	Sarah Ar Rayhan	2104111010093	
3.	Mhd. Tempun Alxari Hsien B	2004111010039	
4.	Muhammad Haqal	2004111010077	
5.	T. Muhammad Caesar Maulana	2004111010001	
6.	Ahyar Maulana	2104111010039	
7.	Muhammad Syamsul	2104111010008	
8.	Zulfikar	2004111010020	
9.	Muhammad Naufal Azzahri	2104111010017	
10.	Dimas Arub Aishafiq	2104111010002	
11.	Nasywa Yunazir	2104111010027	
12.	Muhammad Dandy Pratama	2004111010028	
13.	Nabita Safira Hamclani	2104111010004	
14.	Mulkainnuel	2104111010005	
15.	Maghfirah Ramadhoni	2104111010084	
16.	Cici fitria Maulida	2104111010070	
17.	Taufiqur Rahman	2104111010090	
18.	Fakhrul Razi	1704111010023	

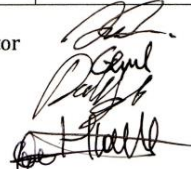


KEMENTERIAN PENDIDIKAN, KEBUDAYAAN
RISET, DAN TEKNOLOGI
UNIVERSITAS SYIAH KUALA
FAKULTAS TEKNIK
JURUSAN TEKNIK ELEKTRO DAN KOMPUTER
PROGRAM STUDI MAGISTER TEKNIK ELEKTRO
Jalan Tengku Syech Abdur Rauf No. 7 Darussalam – Banda Aceh 23111
Laman: <http://mte.usk.ac.id> ; Email: mte.pps@usk.ac.id

No	Nama	NPM	Tanda Tangan
19.	T. Muhammad Maulana A	2109111010069	
20.	Nur Fadhlah	2104111010036	
21.	Hiremann Riffa	2109111010072	
22.	Fiannisa Faizi	210911100030	
23.	PUTRI LATIFAH ASRININGSIH	2109111010083	
24.	Riska Dwi Putri	2104111010009	
25.	Ranadhanezi Zamnur Lubis	2109111010071	
26.	Ashifa Mulyana	2104111010049	
27.	Hafiz Armi	2104111010043	
28.	Atya Risky Ramadhan P.P	2109111010038	
29.	Nur Aisyah	2109111010022	
30.	Ade Sri Rahayu	2109111010001	
31.	Cue Nayla Basris	2109111010024	
32.	Kaysa Marisa	2104111010020	
33.	Zuriaton Navisah	2109111010059	
34.	APRIANI	2109111010026	
35.	Muhammad Razaq Naupal	2109111010003	


36 Zacky Al-Farouq
37 Muhammad Andrean
38 M. Daffa Adrian Sitorus
39. sgaripan haji despik
40. Restu Aisyah Cuian

2104111010076
Koordinator
2009111010015
2004111010046
2109111010056
2004111010076



Dr. Ir. Roslidar, ST., M.Sc., IPM., ASEAN Eng
NIP. 197807192002122002










Attendant list for the committee



**KEMENTERIAN PENDIDIKAN, KEBUDAYAAN
 RISET, DAN TEKNOLOGI
 UNIVERSITAS SYIAH KUALA
 FAKULTAS TEKNIK
 JURUSAN TEKNIK ELEKTRO DAN KOMPUTER
 PROGRAM STUDI MAGISTER TEKNIK ELEKTRO**
 Jalan Tengku Syech Abdur Rauf No. 7 Darussalam – Banda Aceh 23111
 Laman: <http://mte.usk.ac.id> ; Email: mte.pps@usk.ac.id

DAFTAR HADIR PESERTA

Hari / Tanggal : Rabu, 27 September 2023
 Kegiatan : Infodays MTE

No	Nama	NIP	Tanda Tangan
1.	SAMAD/	196807171993031005	
2.	Yudha Nurdin	197910 01201021002	
3.	Roslidar	197907197002122002	
4.	Edwar Iswarby	197902032005011002	
5.	M. Syukri Surbakti	197310362000121001	
6.	Hizir	196800311993031003	
7.	Rahmat Dawood	19720318199321001	
8.	KATILIL	19850522019871006	
9.	Almas Mitqana Imama	1993080701501101	
10.			

Koordinator

Dr. Ir. Roslidar, ST., M.Sc., IPM., ASEAN Eng
 NIP. 197807192002122002

Links of the activities are as follow:

https://drive.google.com/drive/folders/1ntv-tMZx_7MpCEEM3jhyddZKZ8v_7XXV?usp=sharing

Supporting Activities



InspireUs #1
"To Be A Good Engineer In Ind 4.0 Era (Revolusi Industri 4.0)"

Narasumber
Risman Adnan
Chief Technology @ Samsung
R&D Indonesia (SRIN)

Moderator
Kahlil Muchtar
Ketua Program Studi
Teknik Komputer USK

 25 Desember 2021  15.00 WIB - Selesai  Live Zoom Meeting

 PROGRAM STUDI
TEKNIK KOMPUTER  RESEARCH CENTER
TELEMATIC 

"Ind 4.0 Session 1 : " To Be A Good Engineer In Ind 4.0 Era" with Chief Technology @ Samsung R&D Indonesia (SRIN), 25th Dec 2021

InspireUs #2

"Employable in IND 4.0 era"



 29 Januari 2022

 10.00 - 11.00 WIB

 Live Zoom Meeting

 Teknik Komputer USK

 @tekkom.usk.ac.id

 komputer.unsyiah.ac.id



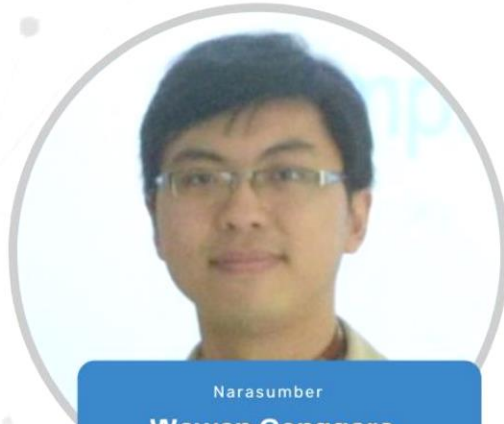
PROGRAM STUDI
TEKNIK KOMPUTER



*"Ind 4.0 Session 2: Employable In Ind 4.0 Era" with DevOps Manager at Allianz Life Indonesia,
29th Jan 2022*

InspireUs #3

"How to keep up with the Artificial Intelligence trend in Ind. 4.0"



Narasumber

Wawan Cenggoro

Adjunct Researcher di AI R&D Center dan
Bioinformatics and Data Science Research
Center, Bina Nusantara University



Moderator

Kahlil Muchtar

Ketua Program Studi
Teknik Komputer USK

 13 Maret 2022

 09.00 - 10.00 WIB

 Live Zoom Meeting

 Teknik Komputer USK

 @tekkom.usk.ac.id

 komputer.unsyiah.ac.id



PROGRAM STUDI
TEKNIK KOMPUTER



*"Ind 4.0 Session 3: How to keep up with the Artificial Intelligence trend In Ind 4.0" with Adjunct
Recsearcher, Binus University,
13rd March 2022*

WEBINAR NASIONAL SERIES #4

Aplikasi Deep Learning & Kecerdasan Buatan Untuk Smart City dan Dunia Pendidikan

Pembicara



Dr. Priyanto Hidayatullah, S.T., M.Sc.
Penulis Buku Sakti Deep Learning
Dosen Jurusan Teknik Komputer dan Informatika, Politeknik Negeri Bandung



Dr. Kahlil Muchtar, S.T., M.Eng.
Kepala Pusat Riset Telematika, USK
Dosen Prodi Teknik Komputer, USK
Tim Pengembangan Kurikulum IND 4.0 Erasmus+ USK

Moderator



Al Fadhil
Padebooks/ Teknik Komputer USK

Daftar Gratis Sekarang
Link Pendaftaran
bit.ly/DaftarWebinarNasionalSeries4

Narahubung :
Devi (0852 6007 0225)

Link Zoom : bit.ly/WebinarNasionalSeries4
Meeting ID : 951 6740 1674
Passcode : pendidikan

🕒 **09.00 WIB - Selesai**
📅 **Sabtu, 11 September 2021**



"Webinar Nasional Series: Deep Learning Application" with Adjunct Recresearcher, Binus University, 11st Sept 2021



5.8 P09 – USU (Universitas Sumatera Utara)



P0 9 - USU

INFO DAY REPORT

Disclaimer:

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Universitas
Sumatera Utara



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UNIVERSITAS SUMATERA UTARA

INFO DAY REPORT

2023

MASTER DEGREE

IN INDUSTRY 4.0





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ERASMUS+ IND 4.0 INFORMATION DAY REPORT

Date : September 2, 2023

Venue Address : Intercoffee USU, Universitas Sumatera Utara, Jl. Universitas No.26, Padang Bulan, Kec. Medan Baru, Kota Medan, Sumatera Utara

Seminar Room : Intercoffee USU

Participant : 42 Participants (Attendance Attached)

Information Day Program

Time	Activity
09.00 AM □ 09.30 AM	Registration
09.30 AM □ 09.45 AM	Welcome Speech
09.45 AM □ 10.45 AM	Presentation of the Master Degree in Industry 4.0
10.45 AM □ 11.30 AM	Discussions
11.30 AM □ 12.00 AM	Social Gathering and Closing

Online Dissemination: <https://ind4-0.usu.ac.id/en/news/erasmus-industry-40-info-days-di-inter-coffee-usu>

Activity Photos



Info Days Participants



Registration Activity



Introduction to Erasmus Projects
(Emerson Pascawira Sinulingga ST., M.Sc. Ph.D)



Fast Track Program to support Masters in Industry 4.0
(Dr. Ali Hanafiah Rambe ST., MT.)



Fast Track Program to support Masters in Industry 4.0
(Prof. Dr. Ir. Fahmi S.T., M.Sc., IPM)



Discussion Session



Social Gathering and Lunch Session

Invitation and PPT

Kepada Yth.
Tim Erasmus+ Ind 4.0 USU
di Tempat

Dengan hormat,
Dalam rangka pembentukan peminatan/konsentrasi dan penyusunan kurikulum 2023, dengan ini kami mengundang Tim Erasmus+ Ind 4.0 USU untuk hadir pada:

Hari / Tanggal : Sabtu / 2 September 2023
Pukul : 09.00 - 12.00 WIB
Tempat : Intercoffe USU
Agenda : 1. Sosialisasi konsentrasi industri 4.0
2. Temu Ramah Tim Erasmus+, Dosen, Mahasiswa dan Alumni.

Demikian undangan ini kami sampaikan, atas kehadirannya kami ucapkan terima kasih.

Ketua Tim Erasmus+ Master in Industry 4.0 USU

Emerson Pascawira Sinulingga ST., M.Sc. Ph.D

Agenda Acara
Erasmus+ Ind 4.0 Info Days
Intercoffe USU, 2 September 2023

Sabtu, 2 September 2023	
09.00 - 09.30	Registrasi
09.30 - 09.45	Pembukaan dan Kata Sambutan
09.45 - 10.45	Paparan Konsentrasi Industri 4.0
10.45 - 11.00	Diskusi
11.00 - 12.00	Temu Ramah dan Penutupan

Partners

ind4-0.usu.ac.id | official.usu | USU Official | Universitas Sumatera Utara

Erasmus+ Industry 4.0 Info Days

Partners

<https://ind4-0.usu.ac.id/>
erasmus.industry4@usu.ac.id

Materi Paparan

- Detil Kerjasama Erasmus+ Industry 4.0
- Benefit untuk USU
- Paket Kegiatan (Work Packages)
- Timeline Kegiatan
- Struktur Pembiayaan
- Bantuan Penguatan Laboratorium
- Usulan Kurikulum
- Fakultas/Sekolah Pengelola Prodi Industri 4.0

Detil Kerjasama

- Tujuan
 - Mendirikan program Magister di bidang Industri 4.0 di Indonesia, Kamboja, dan Malaysia. Program akan memiliki multidisiplin yang menggabungkan berbagai sektor teknologi (mis. sistem cyber-fisik, internet of things dan analitik data besar) dengan bidang aplikasi yaitu manufaktur, pertanian dan kesehatan.
 - Mendirikan laboratorium pendukung dan Virtual Learning Environment di bidang Industri 4.0.
- Jangka Waktu Kerjasama
 - Dimulai pada 19 Des 2019 hingga 18 Des 2023.
 - Akibat Pandemi Covid-19, progress kerjasama mengalami keterlambatan.
- Mitra Kerjasama
 - Malaysia (UTM, UINL, UTM), Kamboja (UHST, UBB, MCU, MoEYS), Indonesia (USU, Unsyiah), Yunani (HOU, AMC, BK), Italia (USGM, Sapienza)

Benefit Bagi USU

- Berdasarkan Permendikbud No 7 Tahun 2020, USU merespon kebijakan Kampus Merdeka – Merdeka Belajar tersebut dengan mendirikan program studi baru yang menjawab tantangan masa sekarang dan ke depan (Industry 4.0) yang merupakan hasil kerjasama dengan organisasi multilateral Uni Eropa (Erasmus+), dan didukung oleh 13 institusi/perguruan tinggi dari 3 negara di ASEAN dan 2 negara di Eropa.
- Memenuhi target pada Renstra USU 2020-2024 berdasarkan IKU nomor 39 (perolehan dana kerjasama internasional), IKU nomor 58 (lab berstandar internasional), IKU nomor 63 (kurikulum yang sesuai dengan kebutuhan revolusi industri 4.0), IKU nomor 64 (prodi menyediakan mata kuliah lintas disiplin ilmu) dan IKU nomor 76 (dosen mengikuti mobilitas internasional).
- Memiliki fasilitas laboratorium sesuai dengan kebutuhan Industry 4.0 yang didanai melalui Kerjasama Erasmus+ Industry 4.0.

Paket Pekerjaan (Work Packages)

Detail of Ind4.0 Work Package

WP Number	WP Name	Organizations
WP1	Identification of similar curricula and needs assessment in the subject area	Sapienza (P12)
WP2	Development of the Ind4.0 MSci Curriculum and VLE	HOU
WP3	Development of Educational Material, Labs Infrastructure & Capacity Building	USGM
WP4	Accreditation and Delivery of the Industry 4.0 MSc Programme	MoEYs
WP5	Quality Assurance and Monitoring	HOU
WP6	Dissemination and Exploitation	UHST
WP7	Management and Coordination	UfTM

Timeline Pembentukan Konsentrasi Keilmuan

No	Kegiatan	2022				2023			
		I	II	III	IV	I	II	III	IV
1	Penyusunan kurikulum dan materi pembelajaran								
2	Pengadaan alat dan kebutuhan laboratorium								
3	Pengadaan infrastruktur perkuliahan								
4	Pengajuan usulan Kurikulum Baru kepada Rektor								
5	Sosialisasi dan Perekrutan Mahasiswa Baru								
6	Perkuliahan Konsentrasi Magister Industri 4.0								

Bantuan Penguatan Laboratorium

Work Packages	Total budget for equipment	Specification	Amount
Development	US\$	Equipment for the Industry 4.0 Lab - Computational and storage infrastructure required for meeting the needs of the programme: - 3 High-end PCs, 1 High-end Laptop, 1 Printer Scanner, - Complex-Aided Design (CAD), Complex-Aided Manufacturing (CAM) and Complex-Aided Engineering (CAE) simulation tools, - 1 3D printer	21,000.00

- Target tambahan dari kerjasama ini adalah mendirikan fasilitas laboratorium selaras dengan kebutuhan pembelajaran untuk menghasilkan lulusan yang kompeten menjawab kebutuhan SDM Revolusi Industri 4.0.

Usulan Kurikulum Erasmus+ Ind 4.0

Code	Course Title	Course Type	Application Area	ECTS
IND101	Big Data analysis in Industry 4.0	F	All	6
IND102	Networking, Technologies and Sensors	F	All	6
IND103	Artificial Intelligence	F	All	6
IND104	Industry 4.0 cyber-physical systems Engineering	F	All	6
IND105	Cloud Computing, Services and Technologies	F	All	6
IND106A	Digitalization of enterprise and business models	E	All	6
IND106B	Entrepreneurship, Funding and innovation management	E	All	6

Code	Course Title	Course Type	Application Area	ECTS
IND201	Cybersecurity of networks and cyber-physical systems	F	All	6
IND202	Advanced industrial and service robotics	E	All	6
IND203	Smart Factory Technologies and Concepts	E	All	6
IND204	User interfaces for Industry 4.0	E	All	6
IND205	Optimization and Intelligent Systems	E	All	6
IND206	Robotics and Industry 4.0	E	All	6
IND207A	Sustainable Product Design & Manufacturing	O	Manufacturing	6
IND207B	Agriculture/ Aquaculture system design	O	Agriculture/ Aquaculture	6
IND207C	Biosensors	O	Persevere HUBS	6

Usulan Kurikulum Erasmus+ Ind 4.0

Code	Course Title	Course Type	ECTS
IND301A	Thesis	F	20
IND301B	Placement	F	20
IND301	3D printing	O	5
IND301	Modeling, Digital, Trends and Simulation	O	5

Code	Course Title	Course Type	ECTS
IND301A	Thesis	F	20
IND301B	Placement	F	20
IND301	Autonomous robots	O	5
IND301	Ecosystems for optimized production	O	5

Code	Course Title	Course Type	ECTS
IND301A	Thesis	F	20
IND301B	Placement	F	20
IND301	Biosensors	O	5
IND301	Health Information Management and Patient recognition	O	5

Legend:
F: Fundamental Course
E: Elective Course
O: Orientation Course

Daftar Mata Kuliah Pilihan Konsentrasi Industri 4.0

Semester	No	Kode Mata Kuliah	Mata Kuliah	SKS
I	1	TEE5101	Metode Penelitian	2
	2	TEE5102	Internet of Things	2
	3	TEE5103	Analisis Big Data	2
	4	TEE5104	Topik Khusus	2
	5	TEE5107	Cybersecurity dalam Industri 4.0	2
Total				10

Daftar Mata Kuliah Pilihan Konsentrasi Industri 4.0

Semester	No	Kode Mata Kuliah	Mata Kuliah	SKS
II	1	TEE5201	Sistem Tertanam	2
	2	TEE5202	Kecerdasan Buatan	2
	3	TEE5207	Teknologi Jaringan dan Sensor	2
	4	TEE5208	Teknologi dan Layanan Komputasi Awan	2
	5	TEE5209	Robotika dan Industri 4.0	2
Total				10

Daftar Mata Kuliah Pilihan Konsentrasi Industri 4.0

Semester	No	Kode Mata Kuliah	Mata Kuliah	SKS
III	1	TEE5301	Kolokium	2
	2	TEE5302	Tata Tulis Ilmiah	2
	3	TEE5307	Pemrosesan Gambar Digital dan Medis	2
	4	TEE5308	Optimisasi Kecerdasan Buatan	2
	5	TEE5309	HCI untuk Industri 4.0	2
Total				10

Daftar Mata Kuliah Pilihan Konsentrasi Industri 4.0

Semester	No	Kode Mata Kuliah	Mata Kuliah	SKS
IV	1	TEE6298	Seminar Hasil	2
	2	TEE6297	Publikasi Ilmiah	2
	3	TEE6299	Tesis	4
Total				8
Total sks				38

Matriks Organisasi Mata kuliah dalam Struktur Kurikulum Konsentrasi Industri 4.0

SEM	SKS	Jumlah MK	Mata Kuliah Wajib Universitas	Mata Kuliah Wajib	Mata Kuliah Pilihan
I	10	5		Metode Penelitian (2 sks) Internet of Things (2 sks) Analisis Big Data (2 sks) Topik Khusus (2 sks)	Cybersecurity dalam Industri 4.0 (2 sks)
II	10	5		Sistem Terapan (2 sks) Keceerdasan Buatan (2 sks)	Teknologi Jaringan dan Sensor (2 sks) Teknologi dan Layanan Komputasi Awan (2 sks) Robotika and Industri 4.0 (2 sks)
III	10	5		Kolokium (2 sks) Tesis Tulis Ilmiah (2 sks)	Pemrosesan Gambar Digital dan Medis (2 sks) Optimisasi Kecondisian Buatan (2 sks) HCI untuk Industri 4.0 (2 sks)
IV	8	3		Seminar Hasil (2 sks) Publikasi Ilmiah (2 sks) Tesis (4 sks)	
Total	38	18	12	12	14

Penguatan Laboratorium Industri 4.0 USU

No	Keperluan	Unit	Estimasi	Detail
1	Universal Robots UR3 - Collaborative robotic arm with Dr Robot Grip Wdg	1	20.000	Power: Consumption, Maximum Average 30 Watt Power: Consumption, Typical with moderate operating settings (operational) 200 Watt Current supply 0x 0.02 (240V), Full Capacity 3, and 0.040 (200V 3) Typical TCP speed 3 m/s (10.4 ft/s) Reach (at max 90° elbow) Weight including cables 12.2 kg Control box size (control 400 mm x 430 mm x 200 mm) CNC GRIP 400 Payload Force for Maximum 2 kg Total stroke (vertical) 9 200 (mm) Control box size (control 400 mm x 430 mm x 200 mm) Operating force (vertical) 40 kg Operating speed 30 227 (mm/s) Operating speed 30 227 (mm/s) Operating speed 30 227 (mm/s) Motor integrated, electric BLDC IP Classification IP 54 Dimension 233 x 349 x 36 mm Weight 6.70 kg + 10 cables
2	3D printer Strati 300 series	1	1.000	NOVA 3D Printer Type 300 Machine Dimension of 370x370x450 Power Consumption 200 Watt Layer Resolution 100 micron x 60 Micron Bed material: SL Bed material: PLA Input Voltage: 220V + 10A/150W
TOTAL				21.000

ICoBTA-IR4.0

About the conference: The emergence of the fourth industrial revolution in the past few decades has changed the technology, industries, and societal patterns and processes in the 21st century due to increasing interconnectivity and smart automation.

Theme: Industrial Revolution 4.0: Challenges of Sustainable Future



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Banner Erasmus+ Ind 4.0 Info Days



Universitas Sumatera Utara

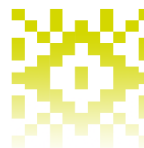


Master Degree in Industri 4.0
610455-EEP-1-2019-1-MY-EPPKA2-CBHE-JP

Erasmus+ Ind 4.0 Info Days

Inter Cafe USU, Universitas Sumatera Utara
Jl. Universitas No.26 Kampus USU 20155

Partners



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ind4-0.usu.ac.id officialusu USU Official Universitas Sumatera Utara

Attendance List



ATTENDANCE LIST

UNIVERSITAS SUMATERA UTARA

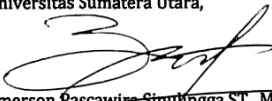


Agenda : Erasmus+ Ind 4.0 Info Days in Universitas Sumatera Utara, Indonesia
 Day/Date : Saturday/September 2th, 2023
 Time : 09.00 AM - 12.00 PM
 Venue : Intercoffe USU

NO	NAME	INSTITUTION	PHONE NUMBER	SIGNATURE
1	Emerson P Simlyo	Erasmus +	081260602732	1
2	Ali Hanifah R.	S2 T. Elektro	085296202816	2
3	HEWIDRI	PT TELKOM ALUMNI	08127025050	3
4	Peggy Aprilia KN	MTE	085321955252	4
5	Rohatul Akbariah Perapat	MTE	082277520297	5
6	Ukharma	DTE	08116186118	6
7	Nur	MTE	081361713606	7
8	Andini Pratiwi	Ditigarsi	085361518590	8
9	AZHARI	MTE	085283196040	9
10	Febrian Sidabutar	MTE / IT Del	085261094689	10
11	JIRE	MTE / YP. SUTOMO	081375047787	11
12	Mangasi L. Siantar	MTE / YP. FMI	081277583420	12
13	XUDIATNIS	MTE / POLRI	081263363686	13
14	BAMBANG SUBITO	MTE / PERTAMIRA	081375438781	14
15	Andre Pranatas Pepari	MMUSU / Uniluar	082272152070	15
16	Rianli Dio Bastanta S	MTE	085371016506	16
17	Aari Bowen	MTE / ALU	081377343603	17
18	Ipsar Posady	MTE / PELINDO	082165382578	18
19	A. Risyah Masution	MTE / Mandike	0895612336649	19
20	Tania Octavia Harahap	MTE	081297431492	20
21	M. ISMI KALLA	MTE	081262062274	21
22	Yasmin	Vokasi	08116318080	22
23	Eka Romaito	Alumni MTE / Panto Tabang	081269762472	23
24	Atikah Sari	YPI Sultan Andirja	081360654405	24
25	zul herri	alumni / RNI	085296243566	25
26	Yahya Ahmadi Brata	MTE	08994989147	26

NO	NAME	INSTUTION	PHONE NUMBER	SIGNATURE
27	Syaifuldin Harun	92 - unu	082364871588	27
28	Dwi Budi Prasetyo	EV Mandiri Informatika	0852 778 55889	28
29	Stephanie Pardede	Alumni S2 USU	082276004375	29
30	Rani Eppianesa Winata	TELE- PPELANCE	085206803811	30
31	Ihsan Imam H	M TE	0852 975 384	31
32	Yulenta Ferya	TE USU	0813 7055247	32
33	Khairul Imam	Erasmus +	0812 8163 1376	33
34	Hussy Rahman Rht	Ditgrasi	082269707140	34
35	Lily MARISNA	Ditgrasi		35
36	SRI DWI MINOSIH	TELKOM	0811678100	36
37	Vera Manah	BIRD SIRENBANG	082161197077	37
38	Feisal Reza	Sirenbang		38
39	MUSFIQ HARIYATI	Sirenbang		39
40	Melani			40
41	Dwi Yuda S			41
42	Hasnul Anif Purni	Sirenbang		42
43				43
44				44
45				45
46				46
47				47
48				48
49				49
50				50

Erasmus+ Industry 4.0
Universitas Sumatera Utara,


Emerson Pascawira Simulingga ST., M.Sc. Ph.D
NIP. 197703302008011015



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IND 4.0 INFO DAYS REPORT

Master Degree in Industry 4.0

Universitas Sumatera Utara

Date : September 2, 2023
Venue Address : Intercoffee USU, Universitas Sumatera Utara, Jl. Universitas
No.26, Padang Bulan, Kec. Medan Baru, Kota Medan, Sumatera
Utara
Time : 09.00 AM 12.00 PM
Participants : Erasmus+ Ind 4.0 USU Team

1. Objective

The main objectives of the Erasmus+ Ind 4.0 Info Day revolved around fostering understanding and consciousness regarding the IND 4.0 Project, emphasizing the specialization in the Master's Degree program Industry 4.0, and facilitating a congenial gathering among Lecturers, Students, and Alumni associated with the Erasmus+ Ind 4.0 USU initiative.

2. Agenda

- a. Industry 4.0 Master Degree Socialization
- b. Social Gathering of Lecturers, Students, Alumni and Experts from the industries

3. Info Day Discussion

Universitas Sumatera Utara (USU) hosted the Info Days for the Erasmus+ Master Degree in Industry 4.0. The project itself is a collaboration of HEI from Indonesia with several HEI from countries such as Malaysia, Cambodia, Greece, and Italy. Meanwhile, USU is one of the representatives from Indonesia. The aim of the project is to provide practical solution so as to help closing the gap between industry needs/expectations and educational system outputs, in relation Industry 4.0 in the target countries such as Indonesia. Furthermore, the aim of the Industry 4.0 Master degree is to train Theoretical, Natural, Engineering, Computer Science and Information Technologies graduates to address the new challenges posed by the ever-increasing globalization in production, manufacturing and service provision. USU's Erasmus+ Master Degree In Indonesian 4.0 Program Coordinator Emerson Pascawira Sinulingga said that the purpose of this collaboration was to establish a master's program in Industry 4.0 in Indonesia, one of which was USU. This program combines various technology sectors with manufacturing, agriculture and health so as to meet USU's 2020-2024 Strategic Planning (Renstra) target and USU has laboratory facilities that meet the needs of industry 4.0.

In order to enhance the understanding and integration of the Industry 4.0 courses within the Master's program of Industry 4.0 studies, a series of socialization efforts have been conducted, delineating various challenges and developmental endeavors that need to be addressed. One of the established platforms includes a bridge between the industrial sphere and the campus environment, enabling direct communication of industrial issues. Despite the available equipment being at a 3.0 level and not yet embodying the characteristics of Industrial 4.0, developmental efforts are being contemplated. Presently, discussions are limited, necessitating a sustained discussion forum to foster interaction and the exchange of ideas. Formal collaboration between Institutions and USU Campus is also a focal point, aiming to integrate corporate programs with the academic environment. An essential step involves identifying other campuses that have successfully implemented the Industrial 4.0 concept to study best practices.

To support the teaching-learning process, students require further access to references such as IEEE journals. Hence, subscribing to IEEE becomes crucial. Similarly, to facilitate research activities, appropriate software (simulators) are needed, with a caveat on ensuring proper licensing. Another challenge lies in the limited understanding of S1 Electrical Engineering alumni in utilizing common workplace measurement tools, indicating the necessity for supplementary training programs. Additionally, the gap between the curriculum and the demands of the job market necessitates self-development and a broader understanding of economics and industry. This comprehensive report delineates efforts and challenges that need to be addressed to fortify the integration of Industrial 4.0 within the academic milieu of the Master's program in Industrial 4.0 at USU Campus.



4. Highlights

Courses Identity			
Course Name	Cybersecurity in Industrial 4.0		
Faculty	Engineering	Study Program	Master's Program in Electrical Engineering
Course Code		Credit	2
Course Group	Study Program	Course enrollment	Elective Course
Semester		Offline Media	Laptop, Projector, Whiteboard, and Markers

Courses Identity			
Lecture Method	Lectures, Seminars, Presentations, and Discussions	Online Media	E-learning, Zoom, Google Meet
Course Cluster	Technical Design and Problem-Based Experiential Learning	Requirements	-
Course Coordinator	Emerson Pascawira Sinulingga ST., M.Sc. Ph.D	Lecturers	
Course Name HCI for Industrial 4.0			
Faculty	Engineering	Study Program	Master's Program in Electrical Engineering
Course Code		Credit	2
Course Group	Study Program	Course enrollment	Elective Course
Semester		Offline Media	Laptop, Projector, Whiteboard, and Markers
Lecture Method	Lectures, Seminars, Presentations, and Discussions	Online Media	E-learning, Zoom, Google Meet
Course Cluster	Technical Design and Problem-Based Experiential Learning	Requirements	-
Course Coordinator	Prof. Dr. Ir. Fahmi S.T., M.Sc., IPM	Lecturers	
Course Name Robotica and Industry 4.0			
Faculty	Engineering	Study Program	Master's Program in Electrical Engineering
Course Code		Credit	2
Course Group	Study Program	Course enrollment	Elective Course
Semester		Offline Media	Laptop, Projector, Whiteboard, and Markers
Lecture Method	Lectures, Seminars, Presentations, and Discussions	Online Media	E-learning, Zoom, Google Meet
Course Cluster	Technical Design and Problem-Based Experiential Learning	Requirements	Robotica Course
Course Coordinator	Prof. Dr. Ir. Fahmi S.T., M.Sc., IPM	Lecturers	

5. Conclusions

In summary, the efforts to integrate Industrial 4.0 courses into the Master's program have revealed pivotal areas for improvement. Establishing platforms for industry-academia connection is noteworthy, but equipment limitations highlight the need for development to align with Industrial 4.0 standards. Encouraging sustained discussions, addressing equipment grant taxation, and forging formal collaborations are essential steps. Improving student access to references and software licensing is crucial, while alumni readiness and curriculum alignment signify the need for supplementary training and a broader industry understanding. This report underscores vital endeavors and challenges essential for the robust integration of Industrial 4.0 curriculum within the Master's program at USU Campus.