

**LAPORAN PERJALANAN DINAS
DALAM RANGKA KEGIATAN
ERASMUS+ IND4.0 DI SIEM REAP CAMBODIA**

27 - 28 April 2023

Tim:

- 1. Emerson P. Snulingga PhD (Ketua Tim)**
- 2. Dr. Fahmi (Anggota)**
- 3. Dr. Suherman (Anggota)**
- 4. F. Rizal Batubara M.TI (Anggota)**



**Universitas Sumatera Utara
2023**

Universitas Sumatera Utara (USU) terlibat aktif dalam kegiatan steering committee meeting sebagai bagian dari program Erasmus+ Industry 4.0, terkait dengan pengembangan kurikulum Program Magister Ind4.0 di negara Asia termasuk Indonesia salah satunya. Pertemuan dilaksanakan dari tanggal 27-28 April 2023 di Siem Reap, Kamboja. Host dalam pertemua tersebut adalah mitra dari Kamboja yaitu University of Heng Samrin Thbongkhmum (UHST), University of Battambang, dan Mean Chey University. Pertemuan juga dihadiri oleh peserta dari Malaysia yang terdiri dari mitra Universiti Teknologi Mara, Universiti Teknologi Malaysia, dan Universiti Kuala Lumpur.



Gambar 1. Suasana Pertemuan Erasmus+ Industry 4.0



Gambar 2. Tim Erasmus+ Industry 4.0 dari USU



Gambar 3. Dokumentasi Aktivitas/Kegiatan Rapat Jejaring Konsorsium Erasmus+ Ind4.0

Institusi pendidikan tinggi dari Eropa yang terlibat dalam kegiatan ini adalah Hellenic Open University (Yunani), Guglielmo Marconi University dan Sapienza University (Italia), serta beberapa partner dari Jerman (BK-Con), Skybridge Partner dan AMC (Yunani). Sementara dari Indonesia diwakili oleh dua universitas yaitu dari Universitas Sumatera Utara yang diketuai oleh Dr. Emerson Pascawira Sinulingga, S.T., M.T dan dari Universitas Syah Kuala dengan koordinator Prof. Dr. Ir. Samadi, M.Sc. Pada kegiatan tersebut, dilakukan evaluasi dan asesmen berkaitan dengan implementasi kurikulum Magister Ind4.0 yang telah dilaksanakan oleh anggota konsorsium.



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



Master Degree in Industry 4.0 / Ind4.0 (610455-EOO-1-MY-EPPKA2-CBHE-JP)

MINUTES OF 11th ERASMUS+ STEERING COMMITTEE MEETING

Date: 27 – 28 January 2023 (Thursday-Friday)

Host: P4 - University of Heng Samrin Thbongkhmum, Cambodia

Location: Angkor Paradise Hotel, Siem Reap Cambodia

Time:

9.00am- 5.00pm (Cambodia Time)

Present:

Steering Committee

No	Name	Partners	Country
P1	Margaret Chan	Universiti Teknologi MARA	Malaysia
P3	Muhammad Nadzri Abdul Aziz	Universiti Kuala Lumpur	Malaysia
P4	Pin Tara	University of Heng Samrin Thbongkhmum	Cambodia
P4	Chin Yok	University of Heng Samrin Thbongkhmum	Cambodia
P5	Ratha CHEA	National University of Battambang	Cambodia
P6	Chiv Sarith	Mean Chey University	Cambodia
P7	Bunlay Nith	Ministry of Education	Cambodia
P8	Samadi	Syiah Kuala University	Indonesia
P9	Emerson Pascawira Sinulingga	Universitas Sumatera Utara	Indonesia
P10	Achilles Kameas	Hellenic Open University	Greece
P12	Ioannis Chatzigiannakis	Sapienza University of Rome	Italy
P15	Eirini Angeli	AMC Metropolitan College	Greece
P16	Theodor Grassos	BK Con	Germany

Absent with Notification

P2	Fauziah Sh Ahmad	Universiti Teknologi Malaysia	Malaysia
P10	Bill Vassiliadis	Hellenic Open University	Greece
P11	Alessandra Pezzati	Guglielmo Marconi University	Italy
P13	Stefanos Vagenas	Skybridge	Greece
P14	Arturo Lavalle	Guglielmo Marconi University	Greece

Administrators and Researchers

No	Name	Partners	Country
P1	Ling Siew Eng	Universiti Teknologi MARA	Malaysia
P1	Ling Siew Ching	Universiti Teknologi MARA	Malaysia
P1	Azlina Bujang	Universiti Teknologi MARA	Malaysia
P1	Mohd Syahiran	Universiti Teknologi MARA	Malaysia
P2	Haliyana Khalid	Universiti Teknologi Malaysia	Malaysia
P2	Nor Aiza Md Zamil	Universiti Teknologi Malaysia	Malaysia
P3	Fuead Ali	Universiti Kuala Lumpur	Malaysia
P4	Lang La	University of Heng Samrin Thbongkhmum	Cambodia
P4	Chin Yok	University of Heng Samrin Thbongkhmum	Cambodia
P4	Meas Sreylen	University of Heng Samrin Thbongkhmum	Cambodia
P4	Ray Kut A	University of Heng Samrin Thbongkhmum	Cambodia
P5	Solida Tan	National University of Battambang	Cambodia
P6	Vang Sovann	Mean Chey University	Cambodia
P8	Yudha Nurdin	Syiah Kuala University	Indonesia
P7	Vong Pisey	Ministry of Education	Cambodia
P9	Fahmi	Universitas Sumatera Utara	Indonesia
P9	Suherman	Universitas Sumatera Utara	Indonesia
P12	Andrea Vitaletti	Sapienza University of Rome	Italy

Online Attendees:

No	Name	Partners	Country
P1	Illaria Reggiani	Guglielmo Marconi University	Italy

P13	Eleni Chalkiadaki	Skybridge	Greece
-----	-------------------	-----------	--------

Abbreviation:

Universiti Teknologi MARA	UiTM
Universiti Teknologi Malaysia	UTM
Universiti Kuala Lumpur	UniKL
University of Heng Samrin Thbongkhmum	UHST
National University of Battambang	NUBB
Mean Chey University	MCU
Ministry of Education, Youth and Sports	MoEYS
Syiah Kuala University	Unsyiah
Universitas Sumatera Utara	USU
Hellenic Open University	HOU
Guglielmo Marconi University	USGM
Skybridge	Skybridge
“La Sapienza” University of Rome	Sapienza
AMC Metropolitan College	AMC
BK Con	BK Con

Agenda	Particulars	Information/ Action
1.	<p>The meeting began with a warm welcome to all who came to the meeting from Chin Yok, Partner P4 as the host. Margaret, the Project Leader thanked Partner P4, the organising committee under Pin Tara and Chin Yok for the wonderful hospitality extended and the preparation of the meeting place. She informed this meeting was to receive the status of the work packages (WP) of the project to be presented by the coordinators. She hoped that by the last face-to-face meeting in October after the conference, all tasks would be completed as the project would end on 14 November 2023.</p> <p>The dateline of the final report is in January 2024. Nith Buntlay from P7 representing the Ministry of Education, Youth and Sports, Cambodia in his welcome remark extended further warm welcome with an apology from the Under Secretary of the Ministry who could not be present to officiate the opening</p>	<p>Information: <i>All</i></p>

	of the meeting due to other urgent commitments. He hoped all Cambodian universities would take the opportunity to develop the capacity to support the government's aspiration in building the capacity in digital and ICT area.	
2.	<p>Presentation of the Status of Work Packages (WP)</p> <p>Margaret presented the status of the work packages. She informed that both WP1 – Identification of similar curricular and needs assessment in the subject area and WP2 – Development of the InD4.0 MSc Curriculum & VLE had been completed. She congratulated everyone for the hard work.</p>	<p>Information: <i>All</i></p>
3.1	<p>WP3.1 - Development of Ind4.0 learning material</p> <p>The project leader mentioned that there were still outstanding tasks to be completed in WP3.1. She asked the partners assigned to use the templates made available by Eirini From P15 (AMC). Margaret requested Eirini to provide a checklist to monitor as these courses had to be converted in MOOCs format by P14.</p> <p>As for the learning materials for the MSc Programme, the European partners - P10, P11 and P12 had already provided inputs for teachers' development of the teaching/learning materials of the courses in the curriculum which were assigned to Asian institutional partners. These could be accessed in the Folder OERS in WP3.</p> <p>Although the Professional/VET courses were targeted to be launched in this meeting, there were still outstanding courses which had to be submitted in the final version in Subfolder (Final Version) of Folder WP2 – VET MOOCs Structure. Margaret noted that this folder should be in WP3 however to avoid confusion for the time being, the Folder would remain in WP2. The Final version would be converted into MOOCs in the VLE. Eleni (P13) and Eirini (P15) would have a separate meeting to the completion of these while partners were reminded to ensure the final versions submission.</p>	<p>Information: <i>All</i></p> <p>Actions: <i>Sapienza, AMC & All</i></p>
3.2	<p>Capacity Building Training Workshops for Asian HEIs</p> <p>During the meeting it is informed that the WP3.2 capacity building training workshop led by HOU & USGM was completed and the chairperson thanked all the effort in completing the task.</p>	<p>Information: <i>All</i></p>
3.3	WP 3.3 Online Training of Asian HEI academic personnel	Actions:

	UTM (P2) was reminded to look into this task.	<i>UTM</i>
3.4	<p>WP 3.4 Common Framework Report for the Establishment of “Industry 4.0 Labs” in Partner Countries</p> <p>Nor Aiza from UTM reported the progress of the WP3.4 on the establishment of Industry 4.0 Labs in partner countries. As reported by partners only by September and UTM asked everyone to update the equipment table following the form for the compilation.</p> <p>Margaret reminded partners to use the grant allocation wisely and only make the purchase on equipment related to the programme development as needed. The use of the equipment also needed to be reported in dissemination activities showing how they contributed to the programmes and professional courses and extend it to other activities.</p> <p>Samadi (UNSYIAH) shared their experience from another project whereby all the money needed to be used for the equipment. He also asked about the exchange rate conversion matters.</p> <p>Siew Eng (P1) replied and informed that the first allocation of money was supposedly used to purchase the equipment. Margaret responded on the currency exchange matter of all the transactions would be based on the average in the final report.</p>	<p><i>Actions:</i></p> <p><i>All Partner</i></p>
3.5	<p>WP3.5 InD4.0 Info Days in Partner Countries</p> <p>Work task 3.5 required all partners to use the template given by Erini in the basecamp for reporting the activities on the Info Day. The report needs to be attached together with all the evidence including attendance and photos. Syahiran would have to regularly check the Basecamp for the dissemination task.</p>	<p><i>Action:</i></p> <p>All Partners</p>

<p>3.6</p>	<p>WP3.6 Report on Internship Programmes</p> <p>UniKL has been assigned to compile the report on internship programmes with assistance and guidance from AMC. The template has been given in the basecamp and all partners need to do reporting on their side.</p> <p>Fued (UniKL) mentioned that there is no specific act in Malaysia that will acknowledge the industry attachment. He added the collaboration with the industry can be arranged but everything still governs with the university procedure. Margaret informed that despite being not required in the Malaysian context, it would still be included as a Deliverable for the project and can be a supplementary/option to each institution's procedure.</p>	<p><i>Action:</i></p> <p>UniKL, AMC & All</p>
<p>4.1</p>	<p>WP4.1 – Accreditation of the Industry 4.0 MSc Programme</p> <p>Buntlay, coordinator of this work package informed all Asian partners to update the progress of accreditation in the template accessible in the Basecamp.</p>	<p><i>Information/ Action:</i></p> <p>MoEYS, HOU, UiTM, UTM & All Partners</p>
<p>4.2</p>	<p>WP4.2 Delivery of the Industry 4.0 MSc Programme</p> <p>The toolkit on the evaluation of the Industry 4.0 MSC programme has been developed by the HOU. However, as MCN, assigned as coordinator, must cross-checked it and design template for the evaluation process.</p>	<p><i>Action:</i></p> <p>MCU</p>
<p>4.3</p>	<p>WP4.3 Evaluation and Improvement of the Industry 4.0 Msc Programme</p> <p>This task will be based on the toolkit and the template from WP4.2. UiTM and UTM will jointly compile the outcome.</p>	<p><i>Action:</i></p> <p>UiTM &UTM</p>
<p>4.4</p>	<p>WP4.4 Deliverable of Interim Industry 4.0 MSc Programme Evaluation Report</p> <p>This has been completed with D4.4 in the Interim Report.</p>	<p><i>Action:</i></p> <p>MCU</p>
<p>4.5</p>	<p>WP4.5 Deliverable of Final Industry 4.0 MSc Programme Evaluation Report</p> <p>The format of D4.5 can refer to the D4.4. MCU should be preparing this template for all Asian partners to submit the report.</p>	<p><i>Action:</i></p> <p>MCU</p>

5.3	<p>WP5 Quality Plan - Quality Assurance and Monitoring</p> <p>WP5.3 Periodic Quality and Evaluation Report It must be noted that there were outstanding periodic evaluations as scheduled in the detailed project. Theodor prepared 3 forms evaluating the Study Visit and Cambodia Steering Committee Meeting.</p>	<p><i>Information/ Action:</i></p> <p>HOU, Bk Kon All partners</p>
6.	<p>WP6 - Dissemination and Exploitation</p> <p>WP6.3 – Dissemination Activities</p> <p>Syahiran reported on the website and social media postings made by the partner. Margaret requested all partners to take action in sharing the activities and upload the activities writeup in the Basecamp folder-to be uploaded to the Ind4.0 website and social media for dissemination purposes.</p> <p>Margaret reminded the partners that dissemination activities were very important. If there were a default that causes the project not to achieve the score, the project will be asked to return the money. Theodor added that only those partners who did not provide sufficient dissemination activities would be penalised.</p>	<p><i>Information/ Action:</i></p> <p>UHST, UiTM All partners</p>
6.5	<p>WP 6.5 Organisation of Ind4.0 Final Conference</p> <p>Margaret announced that the International Conference of Business and Science Technology Advancement in Industrial 4.0 conference will be held on 4-5th October 2023 at the Riverside Majestic Hotel, Kuching. The website draft has been deployed and presented to all partners during the meeting. Feedback form would be prepared by Azlina (P1) on the acronym name and the website contents from partners.</p> <p>The European University Partners were required to nominate one keynote speaker from each institution based on their expert areas aligned to any of the subthemes. The speakers will be sponsored by the Sarawak Government covering the travelling cost, accommodation and food allowances.</p> <p>Information on the venue hotel rate would be shared once P1 finalises the conference package with the hotel. Additional information will be posted in the conference website.</p> <p>All partners were urged to submit papers with at least three submissions from each partner.</p>	<p><i>Action:</i></p> <p>UiTM All Partners</p>
6.6	<p>WP 6.6 Exploitation and Sustainability Activities</p>	<p><i>Action:</i></p>

	<p>Ratha (NUBB) asked for a commitment from all partners to submit the individual report. The list has been provided and all partners need to provide the information as soon as possible.</p> <p>Theodor advised partners to produce at least one publication per month and oversee the matrix score.</p>	<p><i>NUBB</i> <i>All Partners</i></p>
7.	<p>WP7 – Management and Coordination</p> <p>Financial Matters</p> <p>Siew Ching presented the submission checklist for the claim. She requested each partner to submit the timesheet claim declaration within two weeks after the study visits or traveling. She also reminded that 90% of the grant has been disbursed as accordingly to the agreement. The 10% was still retained by EACEA and only disbursed upon evaluation with satisfaction of the delivery of the project.</p> <p>Theodor shared his experience in managing financial matters and explained that the currency lost during the transfer was not a concern of the EACEA and reporting would be based on the actual allocation in Euro. Erini shared the European exchange rate guideline in the Basecamp.</p>	<p><i>Action/</i> <i>Information:</i> <i>All</i></p>
8.	<p>Any Other Business</p> <p>There was no other business</p>	
9.	<p>The meeting was adjourned at Day 2 with a cultural historic tour.</p>	

Prepared by:

Azlina Bujang (UiTM) – Secretary

Reviewed by:

Ling Siew Eng (UiTM) – Quality Control Coordinator

Reviewed/Approved by:

Margaret Chan Kit Yok (UiTM) – Project Leader



Ind4.0

Master Degree in Industry 4.0

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



Short Overview

University of Heng Samrin Thbongkhmum

UHST, 27-28 April 2023 (Paradies Hotel)



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



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



Steering Committee Meeting

1

About Cambodia, Siem Reap

2

Meeting Program, 27-28 April 2023



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



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



1

About Cambodia and Siem Reap



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



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



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

- **Population Total:**
16,589,023 (2021)
- **Male: 48.7%; Female:**
51.3% (2021)
- **GDP per Capital: 1,648\$**
(2021)
- **City: Phnom Penh**
(Capital, Pop: 2millions)
- **Migrants working**
abroad: amounted to
1,235,993

Siem Reap Province



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



- Siem Reap province is located in northwest Cambodia. It is the major tourist hub in Cambodia, as it is the closest city to the world famous temples of Angkor
- The provincial capital is also called **Siem Reap**
- Land area: 10,299 square kilometres,
- Population: around 1 million.



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





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



2.

About Agenda, 27-28 April 2023



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

27th April 2023 (Thursday)

0900 – 1000	Opening remarks / Agenda presentation and Minute of last Meeting	MoEYS/UHST/UiTM
1000 – 1030	Group Photos, and Tea Break	
1030 – 1130	WP2.2 – Presentation of the VET Developed	Skybridge
1130 – 1230	WP3.1 – Progress of Development of Ind4.0 Learning Material	USGM/Sapienza
1230 – 1400	Lunch	
1400 – 1430	WP3.4 – Ind4.0 Excellence Lab	UTM
1430 – 1500	WP4.1 – Accreditation of the Industry 4.0 MSc Programme	MoEYS
1500 – 1530	WP4.2 – Delivery of the Industry 4.0 MSc Programme	UiTM
1530 – 1600	WP4.3 – Evaluation and Improvement of the Industry 4.0 MSc	UiTM
1600 – 1630	WP5.3/5.4 - Periodic Quality and Evaluation Reports/Final Impact and Evaluation Report	HOU/ BK Consult
1630 – 1700	W6.3/6.4 – Dissemination Activities and Stakeholder Analysis/Portfolio Dissemination Materials	UHST/UITM
1730 – 2100	Social Dinner	UHST

28th April 2023 (Friday)

0900 – 0930	W6.5 – Exploitation and Sustainability Activities	NUBB
0930 – 1030	W6.4 – 1st International Conference of Business and Technological Advances in Industry Revolution 4.0, 2023, on the 4-5 October 2023 in Kuching, Sarawak, Malaysia	UiTM
1000 – 1030	Tea Break	
1030 – 1130	WP7.2 – Financial Management	UiTM
1130 – 1230	Any other Matters	UiTM
1230 – 1400	Lunch	
1400 –	Self-Guide Tour	UHST

Self-Guide Tour

Angkor Wat Temple



**Note: For Foreigner has to buy a ticket.
37\$/day**



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

Self-Guide Tour

Bayon Temple



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

Self-Guide Tour

At night: Night Market



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

Self-Guide Tour

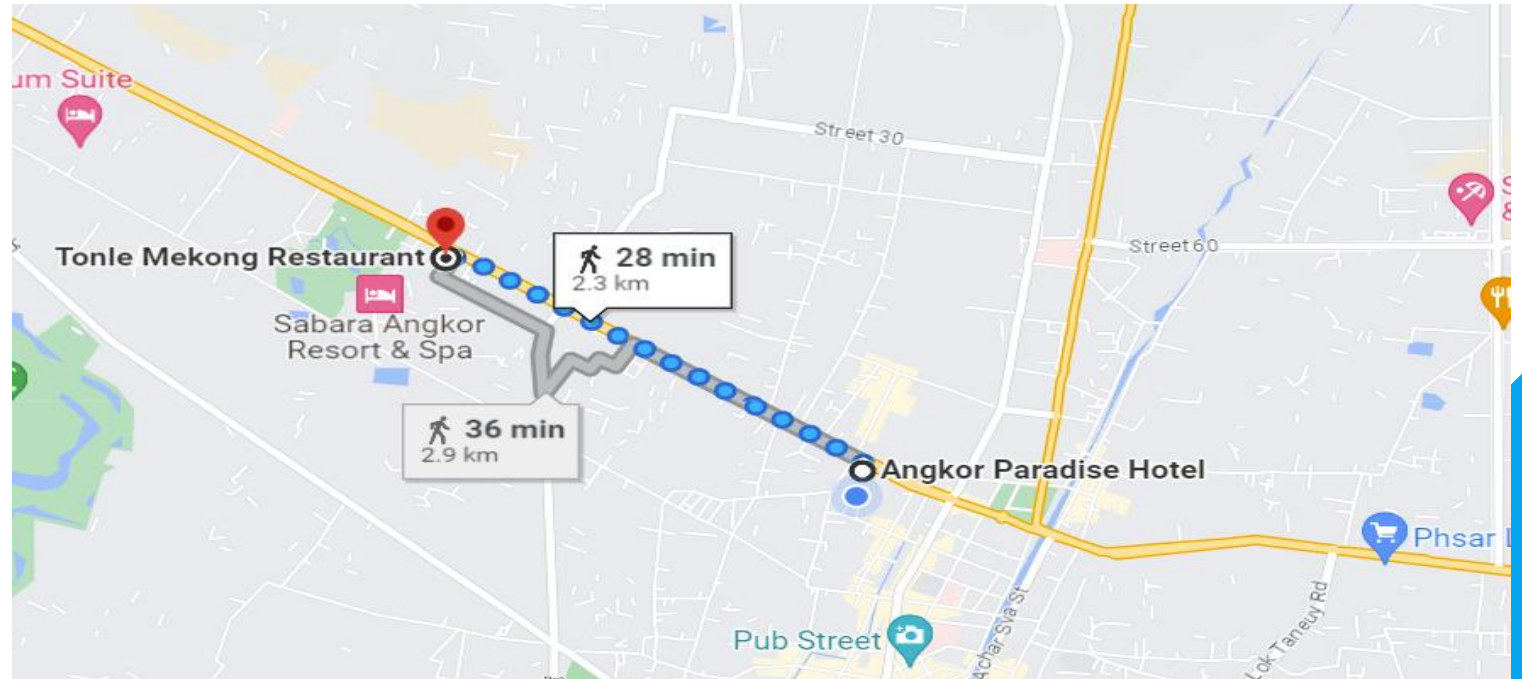
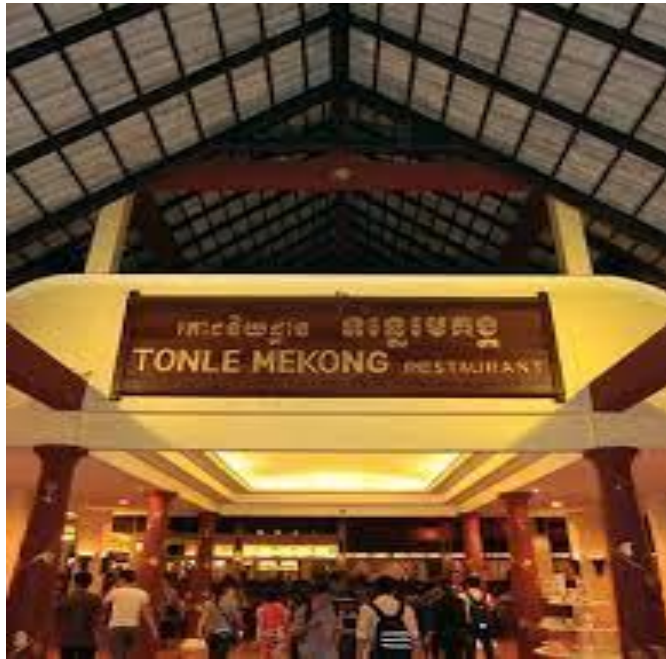
At night: Pub Street



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

Social Dinner on 27 April 2023

TONLE MEKONG RESTAURANT



No. 110, National Road No 6, Krous Village, Sangkat Svay Dangkum, Siem Reap, Cambodia



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

Facilitator's Team

- **Mr. PIN Tara** 012 79 78 79
- **Mr. Chin Yok** 078 86 66 67
- **Mr. Lang La** 095 44 44 27
- **Ms. MEAS Sreylen** 096 55 31 232
- **Ms. RAY Kuy A** 017 70 76 37



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



*Thank
you*



Ind4.0

Master Degree in Industry 4.0

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



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



MINISTRY OF EDUCATION, CULTURE,
RESEARCH, AND TECHNOLOGY

UNIVERSITAS SUMATERA UTARA

Jalan dr. T. Mansur No. 9 Kampus USU Medan 20155
Telephone : 061-8211633, 8215937, Fax: 061-8219411, 8211822, 8215937
Site: www.usu.ac.id

TO WHOM IT MAY CONCERN

Ref. No: 6339/UN5.1.R2/SDM/2023

I, the undersigned below:

Name : Muhammad Arifin Nasution S.Sos., M.SP
Occupation : Vice-Rector for Finance and Human Resource Affairs
Universitas Sumatera Utara
Address : Jl. Dr. T. Mansyur No. 9, Medan 20155, North Sumatera, Indonesia

would like to certify that:

Name : Emerson Pascawira Sinulingga ST., M.Sc. Ph.D
Passport : X902410
Date of Birth : 30 March 1977
Staff ID : 197703302008011015

is a Full-Time Lecturer in the Department of Electrical Engineering Universitas Sumatera Utara. He is allowed to leave the office between 26th – 29th April 2023 for a Partner Meeting of Erasmus+ Master in Industry 4.0 at Angkor Paradise Hotel, Siem Reap, Cambodia hosted by University of Heng Samrin Thbongkhmum (UHST). Mr. Emerson P. Sinulingga's travel expenses including flight tickets, accommodation, and living expenses during this visit will be covered and paid by Erasmus+ Master in Industry 4.0 Project. I can guarantee that Mr. Emerson P. Sinulingga will return to Medan, Indonesia to resume his duty after the visit.

May this employment certificate be used properly in which it may be needed.

Medan, 26 April 2023

Ditandatangani secara elektronik oleh:

Wakil Rektor

Bidang Keuangan dan Sumber Daya Manusia



Muhammad Arifin Nasution

NIP 197910052005011002

Cc.

- Secretary of USU/Files.



MINISTRY OF EDUCATION, CULTURE,
RESEARCH, AND TECHNOLOGY

UNIVERSITAS SUMATERA UTARA

Jalan dr. T. Mansur No. 9 Kampus USU Medan 20155
Telephone : 061-8211633, 8215937, Fax: 061-8219411, 8211822, 8215937
Site: www.usu.ac.id

TO WHOM IT MAY CONCERN

Ref. No: 6341/UN5.1.R2/SDM/2023

I, the undersigned below:

Name : Muhammad Arifin Nasution S.Sos., M.SP
Occupation : Vice-Rector of Finance and Human Resource Affairs
Universitas Sumatera Utara
Address : Jl. Dr. T. Mansyur No. 9, Medan, Kampus USU, Medan, Indonesia 20155

would like to certify that:

Name : Suherman ST., M.Comp., Ph.D
Passport : C8410545
Date of Birth : 02 February 1978
Staff ID : 197802022003121001

is a Full-Time Lecturer and Chair of the Department of Electrical Engineering, Universitas Sumatera Utara. He is allowed to leave the office between 26th – 29th April 2023 for a Partner Meeting of Erasmus+ Master in Industry 4.0 at Angkor Paradise Hotel, Siem Reap, Cambodia hosted by University of Heng Samrin Thbongkhmum (UHST). Mr. Suherman's travel expenses including flight tickets, accommodation, and living expenses during this visit will be covered and paid by Erasmus+ Master in Industry 4.0 Project. I can guarantee that Mr. Suherman will return to Medan, Indonesia to resume his duty after the visit.

May this employment certificate be used properly in which it may be needed.

Medan, 26 April 2023
Ditandatangani secara elektronik oleh:
Wakil Rektor
Bidang Keuangan dan Sumber Daya Manusia



Muhammad Arifin Nasution
NIP 197910052005011002

Cc.
- Secretary of USU/Files.



MINISTRY OF EDUCATION, CULTURE,
RESEARCH, AND TECHNOLOGY

UNIVERSITAS SUMATERA UTARA

Jalan dr. T. Mansur No. 9 Kampus USU Medan 20155
Telephone : 061-8211633, 8215937, Fax: 061-8219411, 8211822, 8215937
Site: www.usu.ac.id

TO WHOM IT MAY CONCERN

Ref. No: 6340/UN5.1.R2/SDM/2023

I, the undersigned below:

Name : Muhammad Arifin Nasution S.Sos., M.SP
Occupation : Vice-Rector of Finance and Human Resource Affairs
Universitas Sumatera Utara
Address : Jl. Dr. T. Mansyur No. 9, Kampus USU, Medan, Indonesia 20155

would like to certify that:

Name : Dr. Ir. Fahmi S.T., M.Sc., IPM
Passport : C6815325
Date of Birth : 09 December 1979
Staff ID : 197912092006041015

is a Full-Time Lecturer in the Department of Electrical Engineering and Dean of the Faculty of Engineering, Universitas Sumatera Utara. He is allowed to leave the office between 26th – 29th April 2023 for a Partner Meeting of Erasmus+ Master in Industry 4.0 at Angkor Paradise Hotel, Siem Reap, Cambodia hosted by University of Heng Samrin Thbongkhmum (UHST). Dr. Ir. Fahmi S.T., M.Sc., IPM's travel expenses including flight tickets, accommodation, and living expenses during this visit will be covered and paid by Erasmus+ Master in Industry 4.0 Project. I can guarantee that Mr. Fahmi will return to Medan, Indonesia to resume his duty after the visit.

May this employment certificate be used properly in which it may be needed.

Medan, 26 April 2023

Ditandatangani secara elektronik oleh:

Wakil Rektor

Bidang Keuangan dan Sumber Daya Manusia



Muhammad Arifin Nasution

NIP 197910052005011002

Cc.

- Secretary of USU/Files.



MINISTRY OF EDUCATION, CULTURE,
RESEARCH, AND TECHNOLOGY

UNIVERSITAS SUMATERA UTARA

Jalan dr. T. Mansur No. 9 Kampus USU Medan 20155
Telephone : 061-8211633, 8215937, Fax: 061-8219411, 8211822, 8215937
Site: www.usu.ac.id

TO WHOM IT MAY CONCERN

Ref. No: 6337/UN5.1.R2/SDM/2023

I, the undersigned below:

Name : Muhammad Arifin Nasution S.Sos., M.SP
Occupation : Vice-Rector for Finance and Human Resource Affairs
Universitas Sumatera Utara
Address : Jl. Dr. T. Mansyur No. 9, Medan 20155, North Sumatera, Indonesia

would like to certify that:

Name : Mr. Fakhruddin Rizal Batubara ST., M.TI.
Passport : C2178409
Date of Birth : 27 April 1974
Staff ID : 197404272003121002

is a Full-Time Lecturer in the Department of Electrical Engineering Universitas Sumatera Utara. He is allowed to leave the office between 26th –29th April 2023 for a Partner Meeting of Erasmus+ Master in Industry 4.0 at Angkor Paradise Hotel, Siem Reap, Cambodia hosted by University of Heng Samrin Thbongkhmum (UHST). Mr. Fakhruddin Rizal Batubara's travel expenses including flight tickets, accommodation, and living expenses during this visit will be covered and paid by Erasmus+ Master in Industry 4.0 Project. I can guarantee that Mr. Fakhruddin Rizal Batubara will return to Medan, Indonesia to resume his duty after the visit.

May this employment certificate be used properly in which it may be needed.

Medan, 26 April 2023

Ditandatangani secara elektronik oleh:
Wakil Rektor

Bidang Keuangan dan Sumber Daya Manusia



Muhammad Arifin Nasution
NIP 197910052005011002

Cc.
- Secretary of USU/Files.

LIST OF ATTENDEES
Steering Committee Meeting on Master Degree in Industry 4.0
27-28 April, 2023

Angkor Paradise Hotel Siem Reap, Hosted by University of Heng Samrin Thbongkhmm

No.	Name	Gender	Institution	Countries	Email Address	27-Apr-23		28-Apr-23	
						Morning	Afternoon	Morning	Afternoon
1	Pin Tara	M	UHST	Cambodia	pintara30@gmail.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Chin Yok	M	UHST	Cambodia	chinyok168@gmail.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Lang La	M	UHST	Cambodia	langla@uhst.edu.kh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Meas Sreylen	F	UHST	Cambodia	meassreylen23@gmail.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	Ray Kuy A	F	UHST	Cambodia	raykuya2222@gmail.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	Chea Ratha	M	NUBB	Cambodia	chea.ratha@nubb.edu.kh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	Tan Solida	F	NUBB	Cambodia	tan.solida@nubb.edu.kh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
8	Chiv Sarith	M	MCU	Cambodia	sarithechiv@yahoo.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
9	Vang SoVann	M	MCU	Cambodia	vang.sovann@nmu.edu.kh	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
10	Nith Bunlay	M	MoEYS	Cambodia	bunlaynith@gmail.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
11	Sear Niya	F	MoEYS	Cambodia	niya_sear@yahoo.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
12	Vong Pisey	F	MoEYS	Cambodia	vong.pisey@yahoo.com	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
13	Ir Samadi	M	Unsyiah	Indonesia	samadi177@unsyiah.ac.id	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
14	Yudha Nurdin	M	Unsyiah	Indonesia	yudha.nurdin@usk.ac.id	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

15	Emerson Pascawira Sinulingga	M	USU	Indonesia	emerson.sinulingga@usu.ac.id				
16	Fahmi	M	USU	Indonesia	fahmimn@usu.ac.id				
17	Suherman	M	USU	Indonesia	suherman@usu.ac.id				
18	Fakhrudin Rizal Batubara	M	USU	Indonesia	rizal@usu.ac.id				
19	Achillefs Kameas	M	HOU	Greece	Kameas@cap.sv				
20	Eirini Aggeli	F	AMC	Greece	aggeli@akmi-international.com				
21	Ling Siew Ching	F	UiTM	Malaysia	lingse@uitm.edu.my				
22	Azlina Bujang	F	UiTM	Malaysia	azlina80@uitm.edu.my				
23	Mohd Syahiran bin Abdul Latif	M	UiTM	Malaysia	syahiran@uitm.edu.my				
24	Margaret Chan Kit Yok	F	UiTM	Malaysia	drmchan@uitm.edu.my				
25	Ling Siew Eng	F	UiTM	Malaysia	lingse@uitm.edu.my				
26	Halyana Khalid	F	UTM	Malaysia	halyana@utm.my				
27	Nor Aiza Md Zamil	F	UTM	Malaysia	norazamz@utm.my				
28	Fuead Ali	M	UniKL	Malaysia	fuead@unikl.edu.my				
29	Muhammad Nadzri Abdul Aziz	M	UniKL	Malaysia	mnadzri@unikl.edu.my				
30	Ioannis Chatziannakis	F	SUR	Italy	ichatz@diag.uniroma1.it				
31	Andrea Vitaletti	M	SUR	Italy	andrea.vitaletti@uniroad.it				
32	Theodoros Grassos	M	BK Kon	Germany	theodor.grassos@gmail.com				