



Dear Readers,
Welcome to the July 2024 edition of the Swiss German University e-Magazine!

We are thrilled to bring you the latest updates, achievements, and stories from our dynamic community. This edition is packed with insightful articles, inspiring stories, and exciting innovations that highlight the essence of our university.

In the "SGU Highlight" section, you'll find key events and milestones such as the Siemens-SGU MOU Signing for Cyber Security Solutions, the SOC Workshop with BSSN Pemkot Tangerang & ACAD CISRT, and the highly anticipated SGU Symposium 2024. These events reflect our ongoing commitment to academic excellence and industry collaboration.

Our "SGU Stars" section celebrates the outstanding accomplishments of our students and alumni. From winning national science competitions to securing prestigious awards, these individuals exemplify the spirit of perseverance and excellence that SGU stands for.

In "SGU Corner," we share practical tips and delightful recipes to enrich your daily life. This month, enjoy a special recipe for Kastengel cake with strawberry sauce from Sari Pacific Jakarta Hotel.

"SGU Inspiring" features stories of remarkable individuals and events that motivate us to strive for greater heights. Meanwhile, "SGU Innovation" showcases groundbreaking projects and ideas that are pushing the boundaries of knowledge and technology.

Lastly, our "Gallery Event" section provides a visual journey through our recent activities, including memorable visits, guest lectures, and international collaborations.

We hope this edition brings you closer to the vibrant heart of SGU and inspires you with the incredible endeavors of our community. Thank you for being a part of our journey.

Anisa Naamin
Editor-in-Chief

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The conversation around achieving Net Zero Emission by 2060 has gained urgency, highlighting the critical need to balance greenhouse gas emissions to limit global warming and counteract climate change impacts. Indonesia's commitment to this ambitious goal, announced at COP26 in Glasgow, underscores a dedicated effort to reduce emissions and embrace green technologies.

Swiss German University (SGU) is actively engaging in this challenge by advancing clean energy technologies, supporting sustainable education, and fostering collaborations with both industry and government. This dedication was showcased during the SGU Sustainability Talk Show held on June 14, 2024, under the theme "The Role and Strategies of Higher Education and Government in Achieving Net Zero Emission (NZE) 2060."

The event featured a distinguished lineup of speakers:

Prof. Dr. Eniya Listiani Dewi, Director General of New Renewable Energy and Energy Conservation (EBTKE) at the Ministry of Energy and Mineral Resources (ESDM)

Laksmi Dhewanthi, MA, Director General of Climate Change Control (PPI) at the Ministry of Environment and Forestry, represented by Ir. Noer Adi Wardoyo, M.Sc, Secretary to the Director General of Climate Change Control

Dr.-Ing. Evita H. Legowo, Coordinator of the Sustainable Energy and Environment Program at SGU and former Director General of Oil and Gas at the Ministry of ESDM (2008-2012).

The discussion highlighted the vital roles that higher education and government play in advancing the NZE 2060 agenda. The speakers explored essential strategies, challenges, and actionable steps required to foster a greener and more sustainable future.

This event forms part of SGU's SustainU campaign: Shaping A Greener Universe, aimed at increasing public awareness and engagement in environmental preservation. It also marks a significant milestone as SGU prepares to celebrate the 10th anniversary of its Sustainable Energy and Environment (SEE) Program in September 2024, focusing on "Reaffirming Commitment to Achieving Net Zero Emission (NZE) in 2060."

Dr. Dipl.-Ing. Samuel P. Kusumocahyo, SGU Rector, commented, "We are honored to collaborate with the Ministry of Environment and Forestry and the Ministry of Energy and Mineral Resources in the quest to achieve Net Zero Emission by 2060. Higher education plays a pivotal role in preparing future leaders to address environmental and energy challenges. This event is designed to inspire and galvanize action from all sectors toward a more sustainable future."

Since its inception in 2014, SGU's SEE Program has been at the forefront of promoting energy conservation and environmental sustainability through innovative renewable energy education in Indonesia. By offering cutting-edge curricula and partnering with various stakeholders, SEE SGU produces graduates equipped to tackle future energy challenges and advance eco-friendly technologies.

In addition to its renewable energy research initiatives, including biomass, solar, and wind energy, SEE SGU organizes site visits to renewable energy facilities to enhance students' understanding of green technology applications and supports their career development with PPSDM certification in new and renewable energy.

SGU also provides other innovative programs such as Hybrid Vehicle and Industrial Engineering (Eco Industry), which emphasize in-depth learning and research related to Net Zero Emission. Through these programs, SGU is dedicated to developing skilled professionals ready to contribute to a sustainable future.

A success story from the SEE Program includes Bjorn Derian Indradjaja, a 2015 graduate now serving as a Senior Executive at Sembcorp Industries Ltd. Bjorn is instrumental in major projects like planning and implementing solar power plants in IKN, slated to commence in 2024.

The collaboration between higher education institutions, government bodies, and the private sector is crucial to achieving the Net Zero Emission 2060 target. SGU remains committed to advancing sustainable solutions and supporting national efforts to reduce carbon emissions for future generations.

SWISS GERMAN UNIVERSITY AND SIEMENS INDONESIA FORGE STRATEGIC PARTNERSHIP IN CYBERSECURITY

On February 29, 2024, the Swiss German University (SGU) and PT Siemens Indonesia celebrated a groundbreaking collaboration with the signing of a Memorandum of Agreement (MoU) at the Siemens Indonesia Executive Summit 2024. This pivotal partnership is set to drive significant advancements in cybersecurity, particularly in safeguarding operational technology (OT) within the industrial sector.

The signing ceremony, held amidst the grandeur of the Executive Summit, was a momentous event marked by the presence of key representatives from both SGU and Siemens Indonesia. SGU's delegation was led by Leonard P. Rusli, B.Sc., M.Sc., Ph.D., Vice-Rector for Academic Affairs, alongside Dr. Eka Budiarto, ST, M.Sc., Head of Master of Information Technology, and Dr. Ir. Charles Lim, B.Sc., M.Sc., Deputy Head of Master of Information Technology. Their involvement highlights SGU's dedication to advancing technological innovation and academic excellence.

Dr. Roland Busch, President and CEO of Siemens AG, Germany, witnessed the signing ceremony and offered his insights into the significance of the partnership. "The collaboration between Siemens Indonesia and Swiss German University is a significant step toward enhancing cybersecurity within Indonesia's industrial sector," Dr. Busch stated. "Our commitment to this initiative reflects Siemens' broader mission to support the technological and economic development of Indonesia. By combining our expertise and resources, we aim to address the critical challenges of cybersecurity and contribute to the digital transformation of the industry."

Leonard P. Rusli also shared his enthusiasm about the partnership, emphasizing the strategic importance of the MoU. "This agreement is a milestone for Swiss German University and signifies our strong commitment to innovation in the field of cybersecurity. Our collaboration with Siemens Indonesia aligns perfectly with SGU's vision to lead in technological advancements and address the evolving needs of the global cybersecurity landscape. We are excited about the potential of this partnership to create cutting-edge solutions that will set new benchmarks for operational technology security."

The MoU outlines a comprehensive plan to co-develop advanced cybersecurity solutions tailored to the unique requirements of operational technologies in the industrial sector. This collaboration will focus on integrating state-of-the-art cybersecurity practices and technologies to safeguard critical infrastructure against emerging threats.

Both SGU and Siemens Indonesia are poised to leverage their respective strengths and expertise to achieve the objectives of this partnership. The initiative will involve joint research and development efforts, collaborative projects, and shared resources to drive innovation and ensure the successful implementation of robust cybersecurity measures.

As the collaboration progresses, it is anticipated that the outcomes will not only enhance the security and resilience of operational technologies but also serve as a testament to SGU's growing influence and impact in the global technological arena. The partnership reflects a shared commitment to excellence and innovation, positioning both SGU and Siemens Indonesia at the forefront of cybersecurity advancements.

Looking ahead, this partnership promises to make significant contributions to the field of cybersecurity, benefiting industries and stakeholders across Indonesia and beyond. It represents a forward-looking approach to addressing the challenges of digital security in an increasingly complex technological landscape.

In conclusion, the MoU between Swiss German University and Siemens Indonesia marks the beginning of a transformative journey in cybersecurity. Both institutions are dedicated to achieving their shared goals and driving progress in this critical area, reinforcing their commitment to technological excellence and global leadership.





STRENGTHENING CYBERSECURITY THROUGH COLLABORATION : HIGHLIGHTS FROM SWISS GERMAN UNIVERSITY'S SOC WORKSHOP

Swiss German University's (SGU) Academic Research & Community Service (ARCS) department spearheaded a pivotal workshop focused on enhancing national cybersecurity resilience on Thursday, May 21st, 2024. In collaboration with the National Cyber and Crypto Agency (BSSN), Academy Computer Security Incident Response Team (ACAD-CSIRT), and the Communication and Informatics Department of Tangerang City Government, the workshop drew significant interest and participation from across the nation.

Held both on-site with 65 participants and virtually with 135 attendees, the event attracted a diverse audience, including representatives from various Indonesian ministries, industry professionals, and academics. The workshop was designed to deepen understanding of Security Operations Centers (SOCs) and their strategic role in national security.

Assoc-Prof. Ir. James Purnama, M.Sc, Director of ARCS SGU, opened the workshop with insightful remarks, highlighting the importance of such collaborative efforts in strengthening cybersecurity frameworks. "This workshop represents a crucial step forward in our collective journey towards enhanced cybersecurity. By bringing together experts and stakeholders, we are fostering a culture of innovation and cooperation," Purnama stated.

The event continued with a compelling opening speech by Agus Prasetyo, Director of Cybersecurity and Crypto Human Development of National Cyber and Crypto Agency (Keamanan Siber dan Sandi Pembangunan Manusia BSSN), who underscored the integral role of SOC in safeguarding national security. "The strategic use of SOC is vital for our resilience against cyber threats. Today's workshop is a testament to our commitment to enhancing our cybersecurity infrastructure and fostering collaboration across sectors," Prasetyo noted.

The workshop also featured the signing of the collaboration agreement by Indri Astuti, S.H., M.Si, Head of the Communication and Informatics Department of Tangerang City Government, marking a significant milestone in the partnership aimed at advancing cybersecurity initiatives. Astuti expressed her enthusiasm for the collaboration, stating, "This agreement represents a shared commitment to strengthening

our cybersecurity capabilities and ensuring effective incident response at the local level."

The event included a series of expert presentations:

Andi Yusuf, Director of National Cyber and Crypto Agency, discussed the pivotal role of SOC in enhancing national resilience.

Cori Thurthusi, Head of the Information Security and Encryption Team at the Communication and Informatics Department of Tangerang City Government, shared insights on the challenges and opportunities of implementing SOC in Tangerang City.

Prof. Dr. Ir. Richardus Eko Indrajit, Chairman of ACAD-CSIRT, emphasized the importance of collaboration between SOC and CSIRT for effective incident response.

Dr. Ir. Charles Lim, Deputy Head of the Master IT Program at SGU, presented on cutting-edge technologies and solutions to optimize SOC performance.

The workshop was expertly moderated by Tabligh Permana, S.Si, whose facilitation ensured a dynamic and engaging session for all participants.

The event concluded with a practical session led by Dr. Ir. Charles Lim, BSc., MSc., who demonstrated the use of the T-Guard Open Source Package for enhancing organizational cybersecurity. This session provided attendees with hands-on experience and practical tools for improving their SOC operations.

Through this collaborative workshop, SGU reaffirmed its commitment to providing high-quality education, fostering innovation, and actively engaging with the community. The event highlighted the critical role of SOC in fortifying national security and positioned SGU as a forward-thinking institution dedicated to advancing cybersecurity education and practice.

The success of the workshop underscores SGU's ongoing mission to lead in cybersecurity education and to contribute meaningfully to the broader community.



MASTER OF INFORMATION TECHNOLOGY

- DATA SCIENCES BUSINESS INFORMATICS
- DATA SCIENCE CYBER SECURITY

MASTER OF MECHANICAL ENGINEERING

- MECHATRONICS
- ENGINEERING MANAGEMENT

MASTER OF BUSINESS ADMINISTRATION (MM-MBA)





INCOGITE 2024: EXPLORING INNOVATION TRENDS AND ECONOMIC IMPACTS IN BALI

Swiss German University (SGU), in collaboration with Institut Pariwisata dan Bisnis Internasional (IPBI), Universitas Pelita Harapan (UPH), Universitas Multimedia Nusantara (UMN), and Universitas Jember, successfully hosted the 5th International Conference on Global Innovation and Economic Trends (INCOGITE 2024). The hybrid event, held from June 19-20, 2024, focused on the theme "Accelerating Regional Economic Growth Through Collaborative Networks."

The conference brought together 70 selected participants from over 100 applicants representing various international and domestic universities. Notable institutions included the University of South Florida (USA), Western Sydney University (Australia), National University of Singapore (Singapore), Hokkaido University (Japan), Technische University of Ilmenau (Germany), and many others.

Yosman Bustaman, Chair of INCOGITE 2024, highlighted the hybrid format of the conference, which enabled global participation and fostered strategic collaborations among attendees. "This conference serves as a forum for academics, researchers, and industry members to meet, exchange ideas, and advance the field of economics," he stated.

During the press conference, Yosman expressed hopes that INCOGITE 2024 would spark significant discussions and positively impact innovation and economic development in Indonesia and the Asia-Pacific region. "The current innovation landscape is highly complex, with new trends constantly emerging. We anticipate that this conference will lead to important discussions and drive progress in both innovation and economic development," he added.

SGU's Rector, Samuel P. Kusumocahyo, emphasized SGU's commitment to fostering a community that encourages the exchange of ideas and innovations among academics,

researchers, and practitioners. "Our participants, whether onsite or online, will engage in presentations and discussions that challenge existing thinking, addressing current global challenges," Kusumocahyo said.

The rapid advancement of digital technology has spurred numerous innovations significantly impacting the business world. Technologies such as artificial intelligence (AI), machine learning, blockchain, digital payment systems (fintech), and the Internet of Things (IoT) have overall enhanced business performance and behavior. The growing popularity of 5G technology has driven innovations across various sectors, including manufacturing, healthcare, and transportation, all enabled by AI-based automation and robotics.

E-commerce growth in the Asia-Pacific region was also a focal point. The increasing popularity of online shopping has led to innovations in logistics, supply chain management, and digital marketing. In Indonesia, e-commerce has become a primary form of economic activity, fueled by the rise of tech-based startups.

IPB Internasional expressed gratitude for hosting the INCOGITE 2024 trade exhibition in Bali. "We are delighted to co-host this significant conference. We hope that Bali, with its natural beauty and cultural appeal, will be a popular venue for participants to engage and connect," said IPBI Rector I Made Sudjana.

The INCOGITE 2024 conference concluded successfully, leaving participants inspired and equipped with new insights to drive future innovations and economic growth. The event underscored the importance of collaborative networks in accelerating regional economic development and set the stage for continued advancements in the field.

SGU AND HOCHSCHULE ALBSTADT SIGMARINGEN EXPAND COLLABORATIVE EFFORTS WITH NEW DOUBLE DEGREE PROGRAM IN INFORMATION TECHNOLOGY

Swiss German University (SGU) and Hochschule Albstadt Sigmaringen (HAS) have successfully launched an exciting new double degree program in Information Technology in May 2024, marking a significant milestone in their ongoing collaboration. The program builds upon the solid partnership established in 2021 through their Food Technology and Pharmaceutical Chemical Engineering study programs.

The new double degree program, encompassing IT Technopreneurship, AI and Data Science, and IT Cyber Security, is set to commence in the odd semester of the 2024 academic year and will continue through to the even semester of 2025 for the 2022 batch of students. This innovative initiative promises a comprehensive and immersive educational experience spanning both institutions over a one-year period.

Program Structure

For SGU Students:

- Odd Semester: Courses at HAS
- Even Semester: Internship

For HAS Students:

- Odd Semester: Courses at SGU
- Even Semester: Internship

This reciprocal arrangement ensures that students from both universities gain diverse and enriched learning experiences, benefiting from international exposure and practical experience in their respective fields.

Key Benefits of the Program

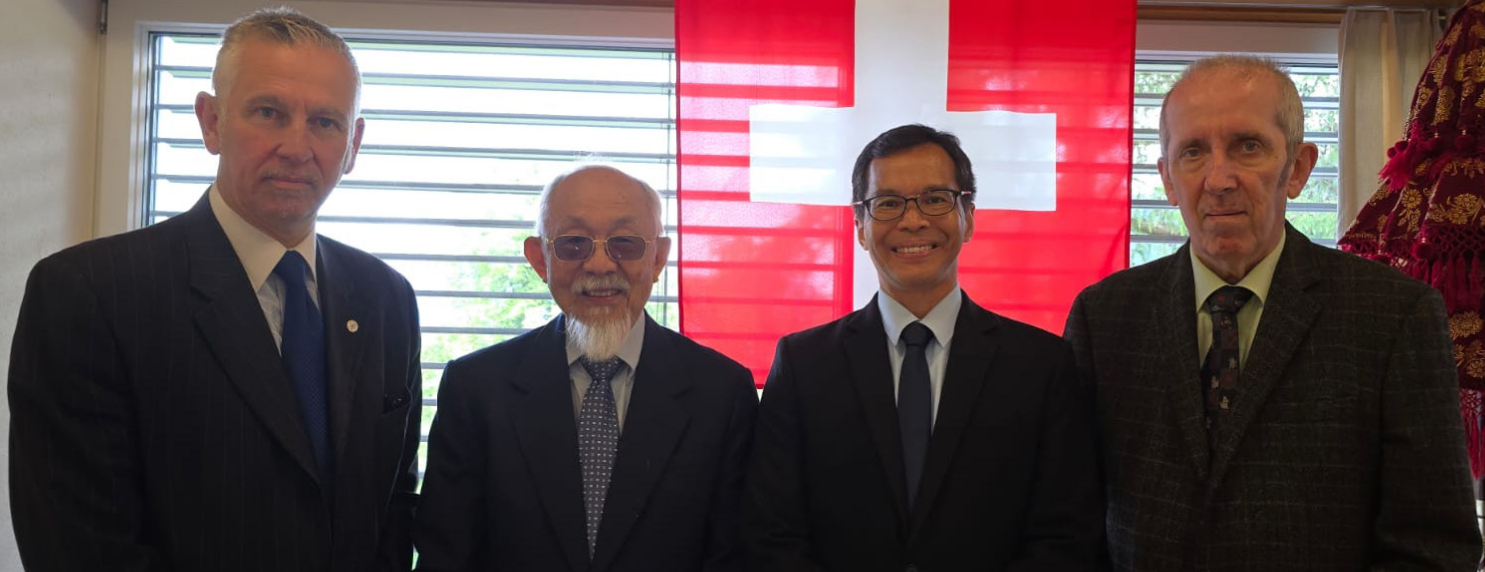
- **International Exposure:** Students will experience different educational systems and cultures, enhancing their global perspectives.
- **Practical Experience:** The internship component allows students to apply theoretical knowledge in real-world settings, fostering professional growth and career readiness.
- **Networking Opportunities:** Participants will build a network of international peers and professionals, opening doors for future collaborations and career opportunities.

Dr. Dipl.-Ing. Samuel P. Kusumocahyo, Rector of SGU, expressed his enthusiasm for the new program: "This expanded collaboration with Hochschule Albstadt Sigmaringen underscores our commitment to providing students with a world-class education. By integrating international experiences and practical training, we are preparing our graduates to excel in the dynamic and globalized IT industry."

Both SGU and HAS are dedicated to creating an academic environment that not only educates but also inspires students to become leaders and innovators in their fields. This new double degree program stands as a testament to their ongoing efforts to enhance educational opportunities and outcomes for their students.

With this new initiative, SGU and HAS continue to lead the way in fostering global learning experiences and developing future-ready IT professionals.





CELEBRATING A DECADE OF EXCELLENCE : THE 10-YEAR PARTNERSHIP BETWEEN SWISS GERMAN UNIVERSITY AND INTERNATIONAL MANAGEMENT INSTITUTE SWITZERLAND

Since its inception in 2014, the partnership between Swiss German University (SGU) and the International Management Institute Switzerland (IMI) has been a cornerstone of academic excellence and cross-cultural collaboration. This partnership, focusing on the double degree programs in Hotel and Tourism Management and International Culinary Business, has facilitated a rich exchange of knowledge and experience, greatly benefiting both institutions and their students.

Over the past decade, 78 students from SGU have had the incredible opportunity to study at IMI, immersing themselves in Switzerland's world-renowned hospitality and culinary education. These students have returned to Indonesia equipped with global perspectives and skills, ready to make significant contributions to the international hospitality industry.

The collaboration began with the first phase from 2014 to 2019, which laid a solid foundation for subsequent phases. The second phase, from 2019 to 2024, saw an expansion of programs and an increase in student participation. Now, as the partnership enters its third phase, set to run from 2024 to 2049, both institutions are committed to further enhancing the quality and scope of their academic offerings. The new agreement was officially signed in May 2024 at IMI's headquarters in Switzerland by Dr. Dipl.-Ing. Samuel P. Kusumocahyo, Rector of SGU, and Mr. Heinz Bürki, President and Chairman of the IMI Board of Directors.

To commemorate this milestone, a delegation from IMI, led by Mr. Gavin Caldwell, CEO & Director of Partner Schools, and accompanied by Dedet Hidayat, IMI's representative for Indonesia, visited SGU on July 23, 2024. The visit was marked by productive discussions on the future of the partnership and concluded with a celebratory lunch, symbolizing the strong and enduring relationship between the two institutions.

Looking ahead, SGU and IMI are dedicated to maintaining this harmonious collaboration, continually striving to produce globally-minded graduates ready to excel in the international workforce.

Reflecting on this remarkable journey, Dr. Dipl.-Ing. Samuel P. Kusumocahyo remarked, "Our partnership with IMI has not only provided our students with unparalleled educational opportunities but has also enriched our academic community through cultural exchange and shared expertise. We look forward to many more years of fruitful collaboration."

Echoing this sentiment, Mr. Heinz Bürki stated, "The success of our partnership with SGU over the past decade is a testament to our shared values and commitment to excellence in education. We are excited about the future and the many opportunities that lie ahead for our students and institutions."

As SGU and IMI continue to strengthen their collaboration, the future holds great promise for both institutions and their students, fostering a legacy of academic excellence and international cooperation.





FACULTY ENGINEERING & INFORMATION TECHNOLOGY

- Mechatronics Engineering
- Hybrid and Electric Vehicle
- Industrial Engineering - Smart Industry
- Industrial Engineering - Eco Industry
- Artificial Intelligence and Data Science
- IT Technopreneurship
- IT Cyber Security






FACULTY BUSINESS & COMMUNICATION

- Business & Management
- Business Accounting
- Hotel & Tourism Management
- International Culinary Business
- Global Strategic Communications

FACULTY LIFE SCIENCES AND TECHNOLOGY

- Pharmaceutical Chemical Engineering
- Food Technology
- Biomedical Engineering
- Sustainable Energy & Environment



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SWISS GERMAN UNIVERSITY'S THERESIA LARASATI HANDOKO CHOSEN FOR SWISS YOUNG PROFESSIONAL PROGRAM

International careers are crucial for Indonesian students, as they provide valuable experience and enhance their competitiveness in the global job market. Swiss German University (SGU) understands this and consistently supports its students to international success through joint degree courses, work and exchange practices, as well as soft skills training and career guidance. With access to a wide range of international programs, SGU prepares its students to compete in the global workplace.

One of the most sought-after joint degree programs at SGU is the Hotel and Tourism Management (HTM) Study Program, which has been in place since 2008. The program is partnered with the Swiss International Management Institute (IMI) and covers topics such as business skills, hospitality management, tourism, and cross-cultural training. Students gain real experience through internships in international hotels, preparing them for success in the global industry with career support and an international standard curriculum from SGU.

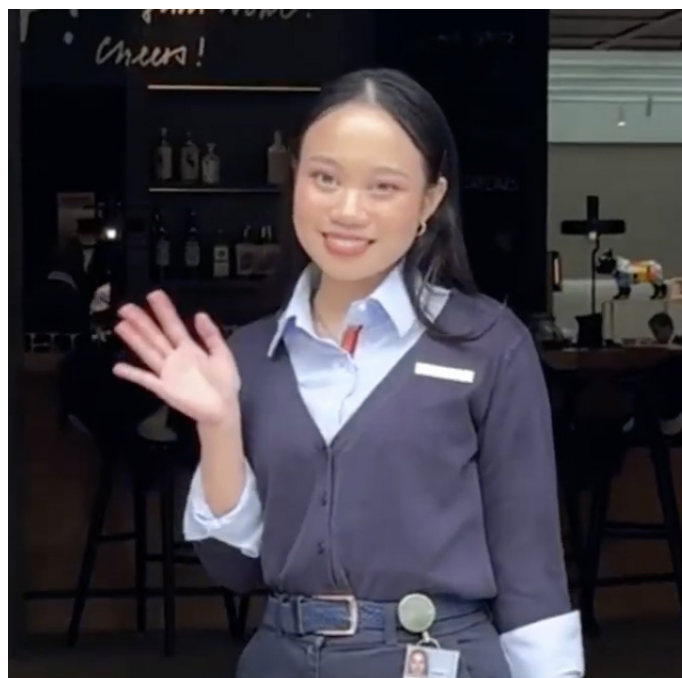
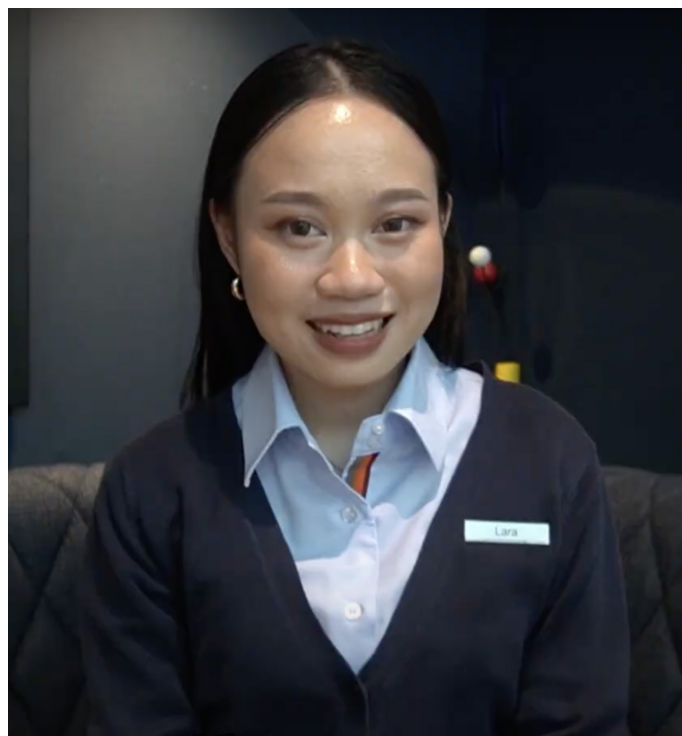
A real example of the success of this program is Theresia Larasati Handoko, a 2020 SGU HTM student who managed to get an internship opportunity at the Hyatt Hotel Zurich, Switzerland. Laras, her nickname, was selected to handle the front of the house in the five-star hotel.

Not stopping there, Laras was also selected by the Swiss Government to join the Young Professional Program, an Indonesian-Swiss bilateral scheme that gives young professionals the opportunity to work in Switzerland for 12 to 18 months.

The program aims to develop professional skills, enhance cross-cultural understanding, and expand international networks, with participants gaining work visas, industry experience, and access to professional training and support.

"The internship at the Hyatt Hotel Zurich has given me valuable insights and skills. This opportunity opens many doors for my future career, and I am very grateful for the support of SGU," said Laras.

The Head of Hotel and Tourism Management Study Program, Robert La Are SST. Par, M. Par, also added, "We are very



proud of the achievement of Laras, and its success reflects SGU's commitment to providing high-quality education that prepares our students to compete and succeed at a global level."

Her achievement is a source of pride, not only for herself but also for HTM SGU and the entire academic community that has supported and guided her. This achievement is expected to be an inspiration for other students to continue to pursue their dreams in the international arena.



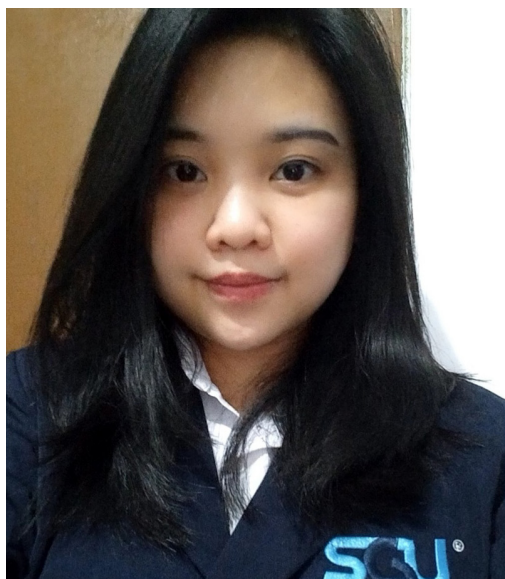
Congratulations
Kathryn Deandrea
 Mechatronics 2021
First runner up at the PLC Competition MAC 2024



Congratulations
Trinasya Charis Renata
 won 1st winner in the 400m Surface Woman 18 and Over and Runner up in the 50m Apnea Woman 18 and Over at the 2024 Bogor Open Diving Championship between Diving Clubs/Associations throughout Indonesia.



Congratulations IISMA AWARDEES 2024
Ariel Alvaro Yuwono
 GSC Intake 2022
University of Otago, New Zealand
Nathania Joanna Harjono
 GSC Intake 2022
Monash University, Australia



Congratulations
Britney Lumentut
 Pharmaceutical Engineering batch 2020
Finalist of the Indonesian National Science Olympiad (ONMIPA) in Chemistry 2024.



SGU is honored to announce that it has been awarded Outstanding Medical Device Research at the Medical Device Research Innovation 2024 event, hosted by the Ministry of Health of the Republic of Indonesia



KAASTENDEL CAKE RECIPE

Swiss German University (SGU) has teamed up with Sari Pacific Jakarta: Autograph Collection Hotels to host a series of engaging activities under the Culinarypreneurs Program. This program, designed for SGU students, includes three key events on June 26, 2024, July 3, 2024, and July 11, 2024.

The second session on July 3, 2024, featured Pastry Chef Ridwan Wijaya Kusuma. The students learned to create delectable Kaastengel Cake that allowed them to explore the intricacies of pastry making and hone their dessert-making techniques. Here is the Kaastengel Cake Recipe.

INGREDIENTS:

Cake Batter:

- 23 egg yolks
- 20 grams Ovalet/TBM/SP
- 225 grams white sugar
- 75 grams cake flour
- 50 grams milk powder
- 300 grams melted butter
- 3 grams vanilla essence

For Frosting:

- 650 grams cream cheese
- 225 grams unsalted butter
- 225 grams icing sugar

For Crumble:

- 13 grams Wisman butter
- 85 grams unsalted butter
- 2 grams salt
- 8 grams white sugar
- 165 grams cake flour
- 15 grams almond powder
- 90 grams Parmesan cheese
- 25 grams cheddar cheese
- 10 grams whole eggs

INSTRUCTIONS:

1.Cake Batter:

Beat egg yolks, Ovalet, and white sugar until the mixture is fluffy and stiff.

Add cake flour and milk powder, mix until well combined.

Pour in melted butter and vanilla essence, mix until smooth.

Pour the batter into a baking pan and bake at 180°C for 20-25 minutes until fully cooked.

2.Frosting:

Mix cream cheese, butter, and icing sugar until the mixture is white and well combined.

Use this mixture as a frosting for the Lapis Surabaya sponge cake.

3.Crumble:

Combine Wisman butter, unsalted butter, salt, white sugar, cake flour, almond powder, Parmesan cheese, cheddar cheese, and whole eggs.

Mix until all ingredients are well incorporated and crumbly.

Spread the crumble mixture on a baking tray and bake at 180°C for 20 minutes until golden brown.



SWISS GERMAN UNIVERSITY CELEBRATES INNOVATION THROUGH CONTINUOUS IMPROVEMENT PROGRAM

On Tuesday, July 5th, 2024, Swiss German University (SGU) held its Continuous Improvement Program (CIP), an initiative aimed at enhancing the performance of various work units within the university. Introduced in 2023, this annual event showcased the dedication and ingenuity of SGU's staff in improving operational efficiency and effectiveness.

This year's CIP was evaluated by a distinguished panel of judges, including Mr. M. Deri Hameru, MM., Dr. Irvan Setiadi Kartawiria, ST., M.Sc., and Dr. Edward Boris P. Manurung, M.Eng. Among the participants was the Quality Assurance (QA) team, presenting their project under the name THINQS (Technology Harmony in Quality System).

THINQS: A Game Changer for Quality Assurance

The QA team's project, THINQS, focused on developing an official website for Quality Assurance that provides comprehensive information and documentation. Initially, they created a web platform as a one-stop information center for study programs and faculties with regards to accreditations and government regulation compliance. The platform then also included the Quality Self-Assessment as a tool for the internal audit process. This project significantly streamlined access to vital resources and improved the internal audit workflow, benefiting numerous academic programs directly.

Key Benefits of THINQS:

1. Centralized Information Access:

The new QA website serves as a centralized hub for all quality assurance-related information and documents. This accessibility ensures that all faculty and staff can easily find the resources they need, fostering a more efficient and informed community.

2. Enhanced Audit Processes:

The Quality Self-Assessment Form provides a standardized tool for internal audits, making the process more efficient and thorough. This form helps identify areas for improvement, ensuring that SGU maintains high standards of quality in all its operations.

3. Direct Impact on Academic Programs:

By improving the quality assurance processes, academic programs benefit from more structured and efficient evaluations. This leads to better program management and enhanced educational experiences for students.

4. Increased Operational Efficiency:

With streamlined processes and easy access to essential documents, faculty and staff can focus more on their core responsibilities, reducing administrative burdens and improving overall productivity.

Embracing SGU's Core Values: RAPIDS

One of the key criteria for selecting the winner of the Continuous Improvement Program is how well the project embodies SGU's core values, known as RAPIDS: Resilient, Adaptive, Proactive, Integrity, Discipline, and Social Care. The THINQS project exemplifies two of these values—Adaptive and Proactive.

Adaptive:

The QA team recognized the increasing importance of digital solutions and adapted by creating a comprehensive, easily accessible website that meets current needs.

Proactive:

The implementation of the Quality Self-Assessment Form demonstrates the team's proactive approach in addressing the university's needs, anticipating potential challenges, and providing effective solutions.

Mr. M. Deri Hameru, one of the judges, praised the QA team's efforts: "The THINQS project is a significant step forward in ensuring that our quality assurance processes are not only efficient but also accessible to everyone involved. The impact on academic programs is immediate and profound, setting a new standard for excellence at SGU."

The QA team's thorough presentation and impactful project implementation earned them the first prize. Their efforts have had a tangible and positive effect on the university's quality assurance processes, demonstrating the practical benefits of their work.

"The creation of the QA website and the Quality Self-Assessment Form has transformed how we conduct our internal audits," said Nurhasanah, S.Pd., one of the QA team. "Our goal is to continually improve and support the academic programs, and this recognition motivates us to keep pushing for excellence."

Moving forward, the Quality Assurance team at SGU plans to introduce further improvements to enhance performance and efficiency within the university. Their commitment to continuous improvement not only sets a benchmark for excellence but also underscores SGU's dedication to fostering an environment of innovation and quality.

Swiss German University is proud of the achievements and contributions of its Quality Assurance team and looks forward to the ongoing enhancements that will arise from this dynamic program. The CIP stands as a testament to SGU's unwavering commitment to innovation and excellence in education.

PIONEERING RESEARCH AT SGU : INNOVATIONS IN PLANT-BASED FOOD AND MEDICINAL MATERIALS

In July 2024, two distinguished researchers from Swiss German University, Maria Dewi P.T Gunawan Puteri M.Sc., Ph.D., and Kholis Abdurachim Audah, M.Sc, Ph.D., received prestigious research grants from the Ministry of Education, Culture, Research, and Technology of the Republic of Indonesia. These grants, amounting to IDR 258,500,000 and IDR 367,760,000 respectively, will support their innovative research projects, which aim to deliver significant social and educational benefits, explore natural ingredients for food and medicinal purposes, and boost economic potential for local communities.

Maria Dewi’s research focuses on the “Application of Vegetable Broth Processing Technology from Tempe Semangit for Developing Plant-Based Food from Local Non-Soy Beans.” This project aims to enhance the technology used in processing vegetable broth derived from tempe semangit, a fermented tempe product known for its unique flavor, to create high-quality plant-based foods using local non-soy beans. With the global trend towards sustainable and healthy diets, Dr. Maria Dewi’s work is incredibly relevant. It addresses the increasing demand for plant-based proteins and promotes the utilization of local resources, which can boost local agriculture and economy. Her innovative approach could lead to healthier food options that are both environmentally sustainable and nutritionally beneficial.

Kholis Abdurachim Audah’s research, “Mangrove Plants as a Model for Discovering Sustainable Biodiversity-Based Medicinal Materials in Indonesia,” explores the potential of mangrove plants as a source of sustainable medicinal

materials. Indonesia’s rich biodiversity offers an untapped reservoir of bioactive compounds that could revolutionize medical applications. By focusing on mangroves, Dr. Kholis aims to discover new bioactive compounds that can be used in medicine, thereby contributing to the sustainable use of Indonesia’s natural resources. His research not only has the potential to yield new treatments for various diseases but also underscores the importance of preserving and understanding our natural ecosystems.

“The innovative research led by Maria Dewi P.T Gunawan Puteri M.Sc., Ph.D., and Kholis Abdurachim Audah, M.Sc, Ph.D., highlights the unique capabilities of SGU in advancing scientific knowledge and addressing pressing global issues,” said Dr. Dipl. -Ing. Samuel P. Kusumocahyo, the SGU Rector. “Their projects exemplify our commitment to fostering research that has tangible benefits for society and the environment.”

Maria Dewi shared her excitement about the project, stating, “This grant enables us to explore the full potential of tempe semangit and local non-soy beans. Our goal is to develop nutritious and sustainable plant-based food options that can support local farmers and promote healthier eating habits.”

Kholis Abdurachim also emphasized the significance of his research, saying, “Indonesia’s biodiversity is a treasure trove of potential medicinal compounds. By focusing on mangrove plants, we aim to discover new bioactive substances that can be used in modern medicine, contributing to both environmental sustainability and healthcare innovation.”

The grants awarded to Maria Dewi and Kholis Abdurachim are not just an acknowledgment of their scientific prowess but also a testament to the importance of their research for societal advancement. Their work embodies the mission of Swiss German University to drive innovation and education that make a positive impact on the world.

As we look forward to the outcomes of these research projects, there is a collective hope that their findings will lead to significant advancements in both the food and medical fields. These studies could pave the way for new industries, improved public health, and a deeper understanding of how we can sustainably harness our natural resources. The journey of discovery and innovation continues at SGU, with the potential to transform lives and communities across Indonesia and beyond.



GALLERY EVENT



Swiss German University (SGU) and IPEKA Christian School have strengthened their dedication to educational collaboration, highlighting a pivotal moment in their enduring partnership.

MONDAY, MAY 6th, 2024



SGU Welcomes Prof. Danielle Swanepoel from SolBridge International School of Business for Insightful Educational Events at Swiss German University.



SGU Cyber Security Lecturer, Dr. Ir. Charles Lim, B.Sc., M.Sc talked about National Data Center Hacking at Warta Kota.



Students from Swiss German University had the opportunity to visit the Kompas Editorial Office.



SGU & Himpunan Humas Hotel (H3) Signs MoU at Tribrata Dharmawangsa Jakarta..



The Swiss German University (SGU) and Alumni Berlin Indonesia signed a Memorandum of Understanding (MoU) at Jakarta to strengthen cooperation in the field of education.



Hotel Tourism & Management & International Culinary Business SGU in Collaboration with Sari Pasific Jakarta Host Culinarypreneurs Program for Students.



Swiss German University (SGU) held an event, SGU Goes To Europe 2024 via online on Thursday, January 25th, 2024. The event was a symbolic farewell for the students about to embark on a new learning journey in Germany for six months to one year.



SGU Symposium 2024 – Creating a Sustainable Future with Global Partnerships.

SWISS GERMAN UNIVERSITY

Insight

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