

FMIPA USK NEWSLETTER

Vol. 6 | April – June 2026



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“ **Aceh's patchouli oil (Pogostemon cablin Benth)** is more than just a local commodity — it's a gateway to global markets in cosmetics, perfume, and aromatherapy. FMIPA Universitas Syiah Kuala, through its collaboration with the Atsiri Research Center (ARC), is turning this potential into reality. Researcher **Nadia Isnaini** leads the way, **developing innovative patchouli-based products ranging from topical analgesics to moisturizing creams**, while also empowering local MSMEs across Aceh through hands-on training in product formulation, distillation, and digital marketing. Where science meets community, Aceh's green gold is truly coming to life. ”

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FOUR FMIPA USK STUDY PROGRAMS EARN “EXCELLENT” ACCREDITATION, STRENGTHENING COMMITMENT TO WORLD-CLASS SCIENCE EDUCATION

Banda Aceh – The Faculty of Mathematics and Natural Sciences (FMIPA), Universitas Syiah Kuala (USK), welcomed the Internal Assessment Team (Tim Penilai Internal/TPI) from the Inspectorate General of the Ministry of Higher Education, Science, and Technology (Kemendiktisaintek) for an evaluation interview on the implementation of the Integrity Zone (Zona Integritas) program toward achieving the status of a Corruption-Free Area (WBK) and a Clean and Serving Bureaucratic Area (WBBM).

The evaluation process forms an important part of the government's bureaucratic reform agenda, aimed at assessing the effectiveness of Integrity Zone implementation within higher education institutions. During the interview session, the Internal Assessment Team reviewed various aspects of the program, including change management, governance and business process improvements, human resource management, performance accountability, internal supervision, and public service quality enhancement.

FMIPA USK leadership, together with the Integrity Zone development team, presented a range of initiatives, innovations, and achievements that have been implemented to strengthen transparent, accountable, effective, and service-oriented governance. The assessment team also explored how integrity values and professional work culture have been embedded across the faculty's academic and administrative units.

Dean of FMIPA USK, Prof. Dr. Taufik Fuadi Abidin, emphasized that the Integrity Zone initiative represents a long-term commitment shared by the entire academic community.



“The development of an Integrity Zone is not merely about meeting assessment indicators. It is about cultivating a culture of integrity, professionalism, transparency, and excellence in service. We are committed to ensuring that every service provided by FMIPA USK delivers real value and satisfaction to students, staff, stakeholders, and the wider community,” he stated.

According to Prof. Taufik, continuous improvements have been pursued through service digitalization, strengthened internal control systems, and capacity-building programs for faculty members and staff. He noted that the evaluation conducted by the Internal Assessment Team serves as an important opportunity for reflection and continuous improvement.

“We highly appreciate this evaluation process as part of our commitment to continuous quality enhancement. The recommendations and feedback from the Internal Assessment Team will help us further strengthen the implementation of the Integrity Zone and support FMIPA USK's vision of becoming a more accountable, trustworthy, and globally competitive institution,” he added.

Through this evaluation interview, FMIPA USK reaffirmed its dedication to promoting integrity-driven governance and supporting sustainable institutional transformation. The results of the assessment will serve as an important benchmark for measuring the success of the Integrity Zone program while encouraging further improvements in governance and public service excellence within the faculty.

**Dekan dan Sivitas Akademika
Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Syiah Kuala**

Mengucapkan

Terima Kasih

Kepada

**Prof. Dr. Taufik Fuadi Abidin,
S.Si., M.Tech.**

Atas Dedikasinya Sebagai

**Dekan Fakultas Matematika dan Ilmu
Pengetahuan Alam
Universitas Syiah Kuala**



Dekan dan Sivitas Akademika
Fakultas Matematika dan Ilmu Pengetahuan Alam Universitas Syiah Kuala

Mengucapkan

Selamat & Sukses

Kepada

**Prof. Dr.rer.nat. Ilham Maulana,
S.Si**

Atas Dilantiknya Sebagai

**Dekan Fakultas Matematika dan Ilmu
Pengetahuan Alam
Universitas Syiah Kuala**



FOUR FMIPA USK STUDY PROGRAMS EARN “EXCELLENT” ACCREDITATION, STRENGTHENING COMMITMENT TO WORLD-CLASS SCIENCE EDUCATION

Banda Aceh – The Faculty of Mathematics and Natural Sciences (FMIPA) at Syiah Kuala University (USK) has once again achieved a significant milestone in higher education. Four study programs under FMIPA USK—Biology, Chemistry, Mathematics, and Physics—have successfully obtained the prestigious “EXCELLENT” Accreditation Rating for the 2026–2031 period. This accomplishment reflects the faculty’s continuous commitment to academic excellence, quality assurance, and the advancement of science and technology education.

The accreditation achievement serves as a testament to the collective efforts of lecturers, administrative staff, students, alumni, and institutional partners who have worked tirelessly to enhance the quality of education, research, and community engagement within the faculty. The accreditation process comprehensively evaluates various aspects of academic performance, including curriculum quality, faculty qualifications, research productivity, governance, student outcomes, and institutional development.

Dean of FMIPA USK, **Prof. Dr. Taufik Fuadi Abidin, S.Si., M.Tech.**, expressed his gratitude and appreciation to the entire academic community for their dedication and hard work throughout the accreditation process.

“We are deeply grateful for this achievement, which reflects the collective commitment and dedication of the entire FMIPA USK community. This accreditation is not merely a recognition of what we have accomplished, but also a motivation for us to continue improving the quality of education, research, and community service. I would like to thank our lecturers, staff, students, alumni, and partners who have contributed significantly to this success,” said Prof. Taufik.



He further emphasized that FMIPA USK remains committed to fostering academic excellence, strengthening research and innovation, and expanding national and international collaborations to support the university’s vision of becoming a globally recognized institution.

Meanwhile, USK Rector **Prof. Mirza Tabrani, S.E., M.B.A., D.B.A.**, congratulated FMIPA on the remarkable achievement and highlighted its importance in enhancing the university’s reputation and competitiveness.

“I would like to extend my heartfelt congratulations to FMIPA USK for successfully securing the highest accreditation rating for its study programs. This accomplishment demonstrates the faculty’s strong commitment to maintaining academic quality, improving institutional governance, and producing graduates who are ready to compete at both national and international levels. We hope this success will inspire other faculties and study programs within USK to continue pursuing excellence and innovation,” stated Prof. Mirza.

As FMIPA USK celebrates this accomplishment, the faculty remains focused on its mission of producing highly competent graduates, advancing scientific knowledge, and contributing to sustainable national development. With a strong culture of collaboration, innovation, and continuous improvement, FMIPA USK is poised to further elevate its role as a center of excellence in science education and research for years to come.

WHAT WE ACHIEVED



**SARAH SALSABIL - CUT DHINIE DECITA
- NAJA LUTHFIA NUHA**

JUARA 2

PADA KARYA TULIS ILMIAH NASIONAL KOMPETISI SAINS BIOLOGI DI UNIVERSITAS MULAWARMAN DENGAN INOVASI BIO-RESPONSIVE SMART HYDROGEL BERBASIS POLI(LAKTAMIDA) RUMPUT LAUT LOKAL DENGAN INDIKATOR VISUAL DINI INFEKSI UNTUK PENYEMBUHAN LUKA DIABETES



TIM FARMASI

MEDALI BRONZE, DAN FAVORITE POSTER PADA ACARA STH INTERNATIONAL YOUTH SUMMIT, ESSAY INTERNATIONAL INNOVATION COMPETITION YANG DISELENGGARAKAN DI MALAYSIA PADA 30-31 MEI 2026, UNIVERSITAS PUTRA MALAYSIA (UPM)



CUT AZKIA SALSABILA

JUARA 3

NATIONAL ESSAY CATALYST FUTURE COMPETITION 2026 UNIVERSITAS ANDALAS, PADANG



**AHMAD HANIF - ABDAN SYAKURA - FADHURRAHMAN
ALAUDIN - VIRZI MAYHAND SYAHPUTRA**

JUARA 1

PADA AJANG WYVE (WORLD YOUNG INVENTORS EXHIBITION) & INNOVA INTERNATIONAL INNOVATION COMPETITION YANG DISELENGGARAKAN DI KUALA LUMPUR CONVENTION CENTRE (KLCC), MALAYSIA

#FMIPABANGGA



CICI LESTARI

TERBAIK 1 PUTRI DUTA BAHASA PROVINSI ACEH SEBAGAI PERWAKILAN USK, DAN SELANJUTNYA AKAN MEWAKILI ACEH PADA AJANG TINGKAT NASIONAL

#FMIPABANGGA



URFAN

TERBAIK 1 DUTA BAHASA PROVINSI ACEH SEBAGAI PERWAKILAN USK, DAN SELANJUTNYA AKAN MEWAKILI ACEH PADA AJANG TINGKAT NASIONAL

#FMIPABANGGA



SYIFAUNNISA'

SEBAGAI WAKIL 1 DUTA BACA USK 2026

#FMIPABANGGA



RAJA SAHBRAYANA BANCIN

JUARA 3

CABANG MENYANYI DANGDUT PUTRA SELEKSIMI USK 2026

#FMIPABANGGA



MUHAMMAD ARIEL

SEBAGAI DUTA BACA USK 2026

#FMIPABANGGA



CHAERA DIFARAYANA

JUARA 3

CABANG BACA PUISI PUTRI SELEKSIMI USK 2026

#FMIPABANGGA



ANNA ZAKIA

JUARA 3

CABANG SENI LUKIS SELEKSIMI USK 2026

#FMIPABANGGA



BUNGA ADELLIA

JUARA 2

CABANG MENYANYI DANGDUT PUTRI SELEKSIMI USK 2026

#FMIPABANGGA



NABILAH SULFA & ELVI KHAIRA

JUARA 2

PERLOMBAAN NUSANTARA CREATIVE COMPETITION (NCC3) YANG DISELENGGARAKAN DI BANDUNG

#FMIPABANGGA



RADEN FHANDA BINTANG DWIRYO

JUARA 3

PILMAPRES FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM UNIVERSITAS SYIAH KUALA 2026

#FMIPABANGGA



CUT DHINIE DECITA

JUARA 2

PILMAPRES FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM UNIVERSITAS SYIAH KUALA 2026

#FMIPABANGGA



ACHMAD ATHA ZAYYAN

JUARA 1

PILMAPRES FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM UNIVERSITAS SYIAH KUALA 2026

#FMIPABANGGA

Endless Achievements of FMIPA-USK Students Continue to Inspire Through National and International Accomplishments

The Faculty of Mathematics and Natural Sciences at Syiah Kuala University (FMIPA-USK) has once again recorded a series of remarkable achievements through the outstanding accomplishments of its students in various fields. Not only excelling in academics and research, FMIPA-USK students continue to demonstrate their capabilities in innovation, leadership, technology, communication, and social service that create real impacts on society

The continuous achievements earned by FMIPA-USK students prove that they are capable of competing at both national and international levels. Their spirit of learning, creativity, hard work, and courage to keep growing have brought FMIPA-USK into the spotlight as one of the faculties that consistently produces outstanding and innovative young generations.



One of the proudest accomplishments came from the Aceh Provincial Language Ambassador Selection. FMIPA Syiah Kuala University students, Cici Lestari and Urfan, successfully won the title of 1st Best Aceh Provincial Language Ambassador. This achievement is highly prestigious because the Language Ambassador program is not merely a competition, but also a platform for developing young individuals with excellent communication skills, linguistic knowledge, leadership qualities, and awareness of preserving national language and culture.



Another outstanding achievement came from the field of international innovation and technology. A team of young innovators from FMIPA-USK consisting of:

- Ahmad Hanif
- Abdan Syakura
- Fadhlurrahman Alaudin
- Virzi Mayhand Syahputra

successfully won 1st Place (Gold Award) at the prestigious WYIE (World Young Inventors Exhibition) & INNOPA International Innovation Competition held at the Kuala Lumpur Convention Centre (KLCC), Malaysia.

The competition is one of the world's prestigious international innovation events attended by young innovators, academics, researchers, and university students from various countries. It serves as a platform for young generations to introduce innovative ideas and creative solutions that provide benefits for global society.



The Dean of FMIPA-USK, Prof. Dr. Taufik Fuadi Abidin, S.Si., M.Tech., expressed his deep pride and appreciation for the extraordinary accomplishments achieved by FMIPA-USK students.

He stated that these achievements are the result of an academic culture that continuously encourages students to grow, innovate, and actively contribute in various fields.

FMIPA USK Students Achieve Outstanding Success in the Universitas Syiah Kuala Campus Ambassador Selection 2026

Banda Aceh – The Faculty of Mathematics and Natural Sciences of Universitas Syiah Kuala (FMIPA USK) has once again demonstrated its excellence through the remarkable achievements of two of its students in the Universitas Syiah Kuala Campus Ambassador Selection 2026. In this prestigious university-wide competition, Sheryl Talita Uma was crowned USK Campus Ambassador 2026, while Chaera Difarayana earned the title of First Runner-Up Campus Ambassador 2026.

This achievement highlights the ability of FMIPA USK students to excel not only in academic pursuits but also in leadership, communication, and personal development. Their success reflects the faculty's commitment to nurturing well-rounded individuals who are capable of representing the values and vision of Universitas Syiah Kuala at the highest level.

The Campus Ambassador Selection is one of the university's most prestigious student development programs, designed to identify outstanding students who possess strong leadership qualities, communication skills, academic excellence, social awareness, and the ability to inspire others. Participants undergo a rigorous selection process that evaluates their knowledge, personality, public speaking abilities, and commitment to contributing positively to society.

The Dean of FMIPA USK, **Prof. Dr. Taufik Fuadi Abidin, S.Si., M.Tech.**, expressed his pride and appreciation for the accomplishments of both students. He emphasized that their success serves as a testament to the quality of FMIPA USK students and the faculty's dedication to fostering academic and personal excellence.



"I would like to extend my heartfelt congratulations to Sheryl Talita Uma for being selected as the USK Campus Ambassador 2026 and to Chaera Difarayana for earning the position of First Runner-Up Campus Ambassador 2026. This achievement is a proud moment for FMIPA USK and demonstrates that our students are capable of competing and excelling at the university level. Their success reflects not only academic competence but also outstanding leadership, communication skills, and character. I hope they will carry out their responsibilities with integrity and inspire other students to continuously develop their potential, pursue excellence, and contribute positively to society and the nation," said Prof. Taufik.

He further noted that FMIPA USK remains committed to supporting students in developing both academic and non-academic competencies. According to him, achievements such as these reflect the faculty's mission to produce graduates who are not only scientifically competent but also equipped with strong leadership qualities and the ability to create meaningful impact in their communities.

As the newly appointed USK Campus Ambassador 2026 and First Runner-Up Campus Ambassador 2026, Sheryl Talita Uma and Chaera Difarayana are expected to serve as exemplary representatives of Universitas Syiah Kuala, promoting the values of excellence, integrity, innovation, and service. Their achievements stand as a powerful reminder that FMIPA USK continues to cultivate future leaders who are prepared to make significant contributions both within the university and beyond.

The 6th ICELTICS 2026

INTERNATIONAL CONFERENCE ON
ELECTRICAL ENGINEERING
AND INFORMATICS

**"INTELLIGENT SYSTEMS FOR A SUSTAINABLE FUTURE:
BRIDGING ARTIFICIAL INTELLIGENCE, ENGINEERING,
AND DATA INFORMATICS"**

Keynote Speakers



**Prof. Ir. Teuku Faisal
Fathani, Ph.D**

Head of the Indonesian Agency
for Meteorology, Climatology,
and Geophysics (BMKG)



**Prof. dr. ir. F.J.
Verbeek**

Professor of Imaging &
Bioinformatics, Leiden Institute
of Advanced Computer Science
(LIACS), Leiden University



**Dr. William
Chandra Tjhi**

Head of Applied Research at AI
Singapore



**Banda Aceh,
Indonesia**

October 28 - 29, 2026



Hybrid Conference

It is our great pleasure to welcome you to the 6th International Conference on Electrical Engineering and Informatics (ICELTICS) 2026. The conference will be held on October 28-29, 2026, in Banda Aceh, Indonesia. ICELTICS is hosted and organized by the Department of Informatics, Universitas Syiah Kuala (USK). The conference is also co-organized by the Association of Higher Education in Informatics and Computer Sciences (APTIKOM) and technically co-sponsored by the IEEE Indonesia Section.



Paper Submission

The 6th ICELTICS 2026 has been approved by IEEE for Technical co-sponsorship. All presented papers are expected to be included in the IEEE Xplore Digital Library.



Registration Fee

For more information about the registration fee, please visit the ICELTICS website at

<http://iceltics.usk.ac.id/registration-fee/>

Note that the IEEE and APTIKOM active members will get a 20% discount.

Important Dates

Call For Papers	March 22, 2026
Full Paper Submission	July 25, 2026
Paper Acceptance Notification	August 25, 2026
Final Manuscript (Camera Ready) Deadline	September 15, 2026
Early Bird Registration & Payment Deadline	September 25, 2026
Registration & Payment Deadline	October 9, 2026
Conference Dates	October 28 - 29, 2026

Topic of Interests



**Data Science and
Artificial Intelligence**



**Information Systems
and Technologies**



**Informatics and
Computer Sciences**



**Communications and
Computer Systems**

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UNIVERSITAS
SYIAH KUALA



DIKTISAINTEK
BERDAMPAK



The 2nd International Conference on
Biology and Environmental Sciences (IceBES)

INNOVATIVE SCIENCE AND TECHNOLOGY FOR ENVIRONMENTAL SUSTAINABILITY AND BIODIVERSITY CONSERVATION

KEYNOTE SPEAKERS



**Prof. Madya Ts.
Muhammad Addul
Latif bin Abu Bakar**

Universiti Tun
Hussein Onn
Malaysia



**Marie-Louise
(Loes)
Schure**

Vets4Welfare
Foundation,
Netherland



**Prof. Drs. Sapto
Purnomo Putro,
M.Si., Ph.D**

Universitas
Dipenogoro,
Indonesia

CONFERENCE INFORMATION



SCOPE

- Biodiversity conservation
- Environmental pollution & ecotoxicology
- Climate change adaptaion
- Ecosystem restoration
- Environmental biotechnology
- Sustainable natural resource management



IMPORTANT DATES

Early bird: ~~15 June 2026~~
Abstract submission: ~~20 June 2026~~ **15 Juli 2026**
Accepted notification: ~~22 June 2026~~ **18 Juli 2026**
Full paper submission: ~~15 July 2026~~ **22 Juli 2026**
Final payment: ~~13 July 2026~~ **22 Juli 2026**
Conference date: **28 July 2026**

Extended



PAYMENT

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Branch Code : ID0010914



REGISTRATION FEES

- Presenter : IDR **350K**
- Non-presenter (General) : IDR **150K**
- Non-presenter (Student) : IDR **50K**



HOSTED BY

Dept. Biology, FMIPA
Universitas Syiah Kuala



PUBLICATIONS

Selected papers will be
published in **Bio Web of
Conference** (in confirmation)
& **Jurnal Natural**

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FMIPA NEWSLETTER

PHARMACY DELEGATION FROM FMIPA UNIVERSITAS SYIAH KUALA WINS BRONZE MEDAL AND FAVORITE POSTER AWARD AT THE 5TH INTERNATIONAL YOUTH SUMMIT IN MALAYSIA

Kuala Lumpur, June 3, 2026 — The delegation from the Pharmacy Study Program, Faculty of Mathematics and Natural Sciences (FMIPA), Universitas Syiah Kuala (USK), Banda Aceh, has once again brought pride to their institution and nation on the international stage. At the 5th International Youth Summit — Essay International Innovation Competition, held at Universitas Putra Malaysia (UPM), Serdang, Selangor, Malaysia, on May 30 to 31, 2026, the team from Pharmacy FMIPA USK successfully secured two prestigious awards simultaneously, namely the Bronze Medal and the Favorite Poster Award. This achievement stands as one of the most remarkable international accomplishments attained by USK students throughout the 2025/2026 academic year, firmly demonstrating that the quality of human resources from a university at the westernmost tip of Indonesia is more than capable of competing before the international academic community.

The prestigious competition brought together young delegates from seven countries in the final round, namely Indonesia, Malaysia, Pakistan, Bangladesh, Djibouti, Thailand, and Morocco. The participation of nations from various corners of the world transformed this event into far more than a mere academic competition — it became a vibrant forum for the exchange of innovative ideas across cultures and nations. Each delegation was required not only to present a substantive scientific essay, but also to effectively communicate their innovative ideas before an experienced panel of international judges well-versed in their respective fields. The exceptionally high standards of evaluation and the intensity of competition among delegations elevated the prestige and significance of every award conferred throughout the event.



The Bronze Medal served as formal recognition of the quality of the essay and innovative ideas submitted by the Pharmacy FMIPA USK team, assessed rigorously by an international panel of judges drawn from diverse academic disciplines. Meanwhile, the Favorite Poster Award represented a special distinction honoring the team's ability to visually present and communicate their scientific concepts in a compelling and engaging manner through a poster format, displayed before all participants and judges throughout the duration of the event. Together, both awards reflect a team that excelled not only in the depth of their academic substance, but also in scientific communication — a critical competency in today's global academic landscape.

The success of the Pharmacy FMIPA USK students in securing two awards simultaneously amid fierce competition from seven nations is an achievement worthy of immense pride from the entire academic community, the broader student body, and the people of Aceh. This accomplishment stands as living proof that with strong determination, proper guidance, and solid institutional support, the finest sons and daughters of the Land of Serambi Mekah are fully capable of standing shoulder to shoulder with — and competing against — the best delegates from every corner of the world. May this achievement serve as a firm foundation upon which even greater international accomplishments are built in the years to come, and may it continue to inspire the young generation of Aceh to dare to dream, to strive, and to excel on the global stage.



DIKTISAINTEK
BERDAMPAK



FMIPA
UNIVERSITAS
SYIAH KUALA



SELAMAT
KEPADA PROGRAM STUDI

FARMASI

BERHASIL MASUK
10 BESAR

PROGRAM STUDI
PEMINAT TERBANYAK
JALUR SNBT 2026

SELEKSI NASIONAL BERDASARKAN TES



USK Accelerates Digital Innovation: An In-Depth Report on the ASIIN International Accreditation Visit for Cluster B

BANDA ACEH – Universitas Syiah Kuala (USK) continues to accelerate its pace on the international education stage. Following the successful assessment of the life sciences cluster, it is now the turn of Cluster B (Mathematics, Informatics, and Physics) to undergo a rigorous evaluation by the prestigious German accreditation agency, ASIIN.

The on-site visit, which took place from May 7th to May 8th, 2026, marks a new chapter in USK's transformation into a center of excellence for science and information technology in Southeast Asia.

Accreditation Focus: Measuring Quality in Formal and Applied Sciences

Cluster B involves seven flagship study programs that serve as the backbone of technological innovation at the Faculty of Mathematics and Natural Sciences (FMIPA) USK:

- Informatics & Artificial Intelligence: Bachelor in Informatics and Master in Artificial Intelligence.
- Mathematics & Statistics: Bachelor in Mathematics, Master in Mathematics, and Bachelor in Statistics.
- Physics: Bachelor in Physics and Master in Physics.

Opening Remarks from the Dean of FMIPA USK

During the welcoming session at the FMIPA Senate Meeting Room, the Dean of FMIPA USK, Prof. Dr. Taufik Fuadi Abidin, S.Si., M. Tech., offered a warm welcome and outlined the faculty's vision to the assessors.

"The ASIIN visit for Cluster B is a historic milestone for FMIPA USK. Our programs in Mathematics, Informatics, Physics, and Statistics are the main pillars supporting the era of Industrial Revolution 4.0 and Society 5.0. We have worked hard to integrate a curriculum that is adaptive to technology, such as Data Science and Artificial Intelligence, with strong fundamental research. We hope the evaluation from the German experts will validate that the educational process we conduct meets global quality standards," stated Prof. Taufik.



Accreditation Focus: Measuring Quality in Formal and Applied Sciences

The audit process was guided by Emeline Jerez, PhD, representing the ASIIN Headquarters in Germany, along with a distinguished panel of experts:

- Prof. Dr. Frank Loose (University of Tübingen, Germany).
- Prof. Dr. Margitta Pries (Berlin University of Applied Sciences and Technology, Germany).
- Prof. Dr. Arno Schindlmayr (Paderborn University, Germany).
- Prof. Dr. Joko Lianto Buliali (Institut Teknologi Sepuluh Nopember).
- Prof. Dr. Setyawan Purnomo Sakti (Brawijaya University).
- Wilfridus Handaya (Industry Representative from Tuwuhwutuh).
- Salma Dewi Nataya (Student Representative from Universitas Gadjah Mada).

Future Outlook

The visitation concluded with a feedback session on Friday afternoon, May 8th, where the peer group shared their initial impressions with USK leadership. The results of this accreditation are expected to further solidify FMIPA USK's position as an internationally competitive faculty, attracting international students and strengthening global research networks.

Congratulations & Success

For the Achievement

ACCREDITATION RATING

**Biology Study
Biologm**

**Chemistry
Study Program**



**Mathematics
Study Program**

**Physics Study
Physiam**

Valid for 5 Years (2026 - 2031)

**Faculty of Mathematics and Natural Sciences
Universitas Syiah Kuala**



Prof. Mirza Tabrani, S.E., M.B.A., D.B.A.
Rector of USK



Prof. Dr. Taufik Fuadl Abidin, S.Si., M. Tech.
Dean of FMIPA USK

Global Transformation Mission: Universitas Syiah Kuala Welcomes ASIIN International Accreditation Visit for Science and Education Clusters A

BANDA ACEH – Universitas Syiah Kuala (USK) has officially commenced a series of on-site visits from the prestigious German international accreditation agency, ASIIN (Akkreditierungsagentur für Studiengänge der Ingenieurwissenschaften, der Informatik, der Naturwissenschaften und der Mathematik). This agenda, taking place from May 2nd to May 6th, 2026, is a strategic move by the university to strengthen its academic quality on the global stage, specifically focusing on Cluster A (Chemistry and Biology).

The assessment process is directly monitored by a representative from the ASIIN headquarters, Emeline Jerez, PhD, who serves as the accreditation procedure coordinator. The evaluation is conducted by an Expert Group consisting of high-level academic and practical professionals, including:

- Prof. Dr. Dirk Krueger (Freie Universität Berlin, Germany).
- Prof. Dr. Carla Vogt (Bergakademie Freiberg, Germany).
- Prof. Dr. Nurma Yunita Indriyanti (Universitas Sebelas Maret).
- Priyambodo Priyambodo, M.Sc. (Universitas Lampung).
- Muhammad Aqwan Nugraha (Student Representative, University of Lampung).
- Eko Andi Hartono, S.Pd. (Education Practitioner, SMA Kesatuan Bangsa Yogyakarta).

Six Study Programs Toward Global Recognition

Six prominent study programs are undergoing this rigorous audit process, spanning two different faculties:

1. Bachelor in Chemistry Education (FKIP).
2. Master in Chemistry (FMIPA).
3. Bachelor in Chemistry (FMIPA).
4. Bachelor in Biology Education (FKIP).
5. Master in Biology (FMIPA).
6. Bachelor in Biology (FMIPA).



Leadership Commitment: Toward “World Class University” Standards

In a solemn opening session held at the FMIPA USK Senate Meeting Room on May 4th, the Vice Rector for Academic Affairs, Prof. Dr. Ir. Agussabti, M.Si., representing the Rector of USK, Prof. Dr. Mirza Tabrani, S.E., M.B.A., D.B.A., emphasized that international accreditation is not merely about obtaining a certificate, but a necessity for institutional transformation.

“On behalf of the Rector, we are very enthusiastic to welcome the ASIIN team. This is a clear manifestation of USK’s commitment to providing high-quality education that is internationally recognized. We want to ensure that our Chemistry and Biology graduates possess competency standards equal to graduates in Europe and other parts of the world,” stated Prof. Agussabti.

Conclusion: Evaluation and Cultural Recreation

The activities will conclude with a final meeting on the afternoon of May 5th to deliver a summary of initial impressions from the experts to the program coordinators and the USK Quality Assurance unit.

As a token of appreciation for the international guests, the ASIIN delegation is scheduled for a brief visit to Dreamlife Beach, Lhoknga, to enjoy the natural beauty of Aceh before their departure back to Germany on the morning of May 6th, 2026.

With the successful completion of this visitation, Universitas Syiah Kuala is optimistic about achieving full international accreditation, further strengthening Aceh’s position on the global higher education map.

LAM SAMA Assessment at USK: Evaluating the Quality of the Physics Study Program at FMIPA

Banda Aceh, April 15, 2026 — The Bachelor's Program in Physics, Faculty of Mathematics and Natural Sciences (FMIPA), Syiah Kuala University (USK), underwent an on-site accreditation assessment conducted by the Independent Accreditation Agency for Natural Sciences and Formal Sciences (LAM SAMA) from April 13 to April 14, 2026. This activity represents an important step in quality assurance efforts and the continuous improvement of academic standards within the institution.

The two appointed assessors, Mitrayana and Mohammad Taufik, arrived on campus and were welcomed by university leaders, faculty members, and the academic community of FMIPA. Their visit was seen as a strategic moment to evaluate and strengthen the quality of education delivery within the Physics Study Program.

In his remarks, Vice Rector I of USK, Prof. Dr. Ir. Agussabti, M.Si., IPU., emphasized that the assessment is not merely an administrative process, but part of the institution's commitment to maintaining high standards in higher education. He highlighted that USK continues to strive for continuous improvement in order to remain competitive at both national and global levels.

"This process serves as a space for reflection and a comprehensive evaluation of the achievements and challenges faced by the study program. We hope the assessment will run objectively and provide constructive recommendations," he stated.

Meanwhile, the Dean of FMIPA USK, Prof. Dr. Taufik Fuadi Abidin, S.Si., M. Tech., also shared his perspective on the assessment. He stressed that accreditation is not solely about administrative evaluation, but also an integral part of cultivating a sustainable quality culture.



"At FMIPA USK, we view this assessment as an opportunity to showcase our achievements while also receiving valuable input for improvement. Our commitment is to ensure that all study programs, including Physics, are capable of producing graduates who are competent, adaptive, and ready to contribute at both national and international levels," he explained.

During the two-day assessment, the assessors reviewed various aspects, including curriculum, human resources, laboratory facilities, and program governance. The Department of Physics at FMIPA USK demonstrated its readiness by presenting comprehensive supporting data and ensuring that the evaluation process was conducted transparently.

The department stated that the assessment had been thoroughly prepared as part of its internal quality assurance cycle. External evaluations like this are considered essential for identifying strengths as well as areas that require further improvement.

The LAM SAMA assessment itself is an independent evaluation mechanism focusing on study programs in natural sciences and formal sciences. The results of this process will determine the accreditation status, which serves as a key indicator of quality and competitiveness at the national level.

Beyond evaluation, this activity is also expected to open broader opportunities for collaboration between higher education institutions and accreditation bodies. In this way, quality improvement is not only administrative but also has a tangible impact on the advancement of science and the quality of graduates.

Strengthening Reputable Publications, USK's Scientific Writing Workshop Brings in an Expert with an H-Index of 136

Banda Aceh — Universitas Syiah Kuala (USK) reaffirmed its commitment to strengthening an internationally competitive academic ecosystem by organizing a Scientific Writing Workshop on Saturday, March 14, 2026. The event took place at the Senate Meeting Room of the Faculty of Mathematics and Natural Sciences (FMIPA), USK.



The workshop was part of the Enhancing Quality Education for International University Impacts and Recognition (EQUITY) program, which focuses on improving the university's performance in the Times Higher Education (THE) Impact Rankings. This initiative represents a strategic effort to enhance USK's global competitiveness through high-quality research and scientific publications.

The event was officially opened by the Head of University Reputation Office, Muslim Akmal, who expressed strong appreciation for the initiative. Support was also conveyed by the Head of the Statistics Department, Zurnila Marli Kesuma, who highlighted the importance of the program in strengthening students' research foundations.

The intensive training was attended by graduate students from the Master's programs in Statistics and Artificial Intelligence. Director of the Graduate School, Hizir Sofyan, emphasized in his remarks that the workshop serves as a strategic step to boost both the quantity and quality of research publications at USK.

Meanwhile, the Dean of FMIPA, Taufik Fuadi Abidin, underlined that strengthening scientific writing capacity is essential to enhancing the competitiveness of higher education institutions and expanding USK's contribution to achieving the Sustainable Development Goals (SDGs).

The workshop featured a distinguished international researcher from University of Technology Sydney, Biswajeet Pradhan, as the keynote speaker. Carrying the theme "Applying Machine Learning Techniques for High-Impact Research," the session focused on equipping participants with the skills needed to produce high-quality scientific papers capable of being published in reputable international journals.



With an impressive academic track record, including an H-Index of 136, Pradhan stressed the importance of integrating technology into scientific writing. He explained that high-impact research must be supported by robust methodologies, appropriate analytical models, and systematic presentation of findings to compete in the global publication landscape.

The workshop was conducted in an intensive and interactive manner. Participants engaged in in-depth two-way discussions covering writing strategies, research topic selection, and practical tips for increasing citation impact.

Through this initiative, USK aims to foster the production of high-quality scientific publications that will enhance the university's global reputation while contributing meaningfully to the advancement of science and society.

PSPPA FMIPA USK Students Achieve 100% Pass Rate in UKOMNAS PDPA 2026



Banda Aceh — A remarkable achievement has once again been recorded by students of the Pharmacy Professional Education Program (PSPPA), Department of Pharmacy, Faculty of Mathematics and Natural Sciences (FMIPA), Universitas Syiah Kuala. All participants who took part in the National Competency Examination for Pharmacy Professional Students (UKOMNAS PDPA) in 2026 successfully passed, reaching a perfect 100 percent pass rate.

The national examination, held on March 1, 2026, by the ad hoc committee, is a crucial milestone for pharmacy professional students before officially earning the title of pharmacist. UKOMNAS PDPA is designed to assess the competency standards of pharmacy students across Indonesia and serves as a primary requirement to practice professionally in the pharmaceutical field.

Head of PSPPA FMIPA USK, Tedy Kurniawan Bakri, M.Farm., Apt., expressed his pride and appreciation for the achievement. He emphasized that this success reflects the strong synergy between students, lecturers, and internship partners involved in the Pharmacy Professional Practice Program (PKPA).

"This achievement is clear evidence of the dedication, hard work, and commitment of all parties in maintaining educational quality. We continuously strive to ensure our graduates are well-prepared to compete at the national level," he stated.

Dean of FMIPA USK, Taufik Fuadi Abidin, also conveyed his appreciation for this outstanding accomplishment. He highlighted that the result demonstrates the high standard of education consistently maintained within the faculty.

"We are very proud of this 100 percent pass rate. It shows that our educational system, mentoring, and facilities are capable of producing highly competent and competitive graduates. We hope that USK pharmacy graduates will contribute significantly to the healthcare sector, both locally and nationally," he said.

He further added that this success is supported by a continuously updated curriculum aligned with advancements in pharmaceutical sciences and the needs of the healthcare industry. Adequate facilities, including modern laboratories, an OSCE Center, and well-established PKPA sites, play a crucial role in preparing students for the competency examination.

In addition, structured and intensive mentoring programs have helped students prepare optimally, both theoretically and practically.

With this outstanding achievement, PSPPA FMIPA USK further strengthens its position as one of the leading pharmacy education programs in Indonesia. It is hoped that its graduates will not only excel academically but also make meaningful contributions to improving healthcare services for the community.



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