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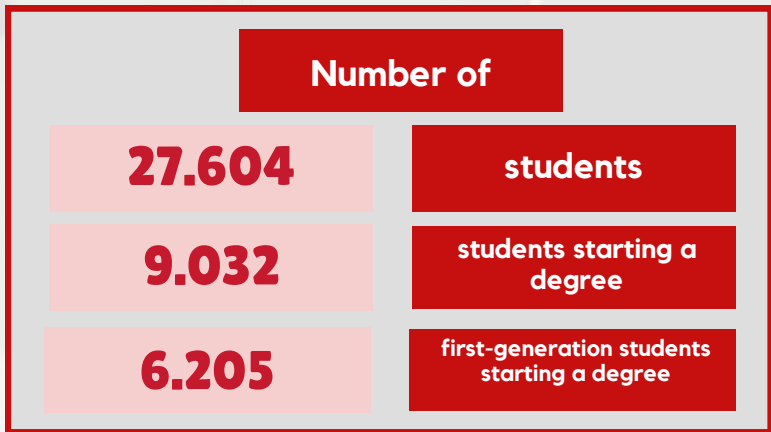
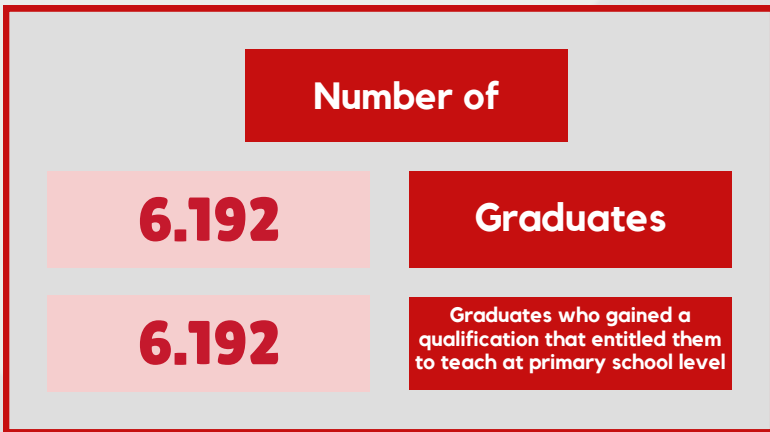
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# 4 QUALITY EDUCATION



“A high-quality education should be an area where universities excel. Education is a key gateway out of inequalities, especially multigenerational ones. In addition to improving quality of life, access to inclusive education can help equip locals with the tools required to develop innovative solutions to the world’s greatest problems.”

-THE Impact Rankings



Universitas Sebelas Maret (UNS) is committed to disseminating and implementing the values of SDGs 1-17 through a wide range of education, research, and community engagement programs. One example of this commitment is the dissemination of this research on

# SDG 4



## THE LEVEL OF TEACHER CREATIVITY IN DEVELOPING DIGITAL LEARNING MATERIALS ON LEARNING MANAGEMENT SYSTEM

### RESEARCH ARTICLE

The study found that elementary school teachers showed a **high level of creativity in developing digital learning materials** using Learning Management Systems (LMS) under Indonesia's Merdeka Curriculum. This creativity was shown to **positively impact student learning outcomes**, emphasizing the importance of supporting teachers' digital innovation skills.



## 4 QUALITY EDUCATION



# ACCESS TO KNOWLEDGE RESOURCES THROUGH VARIOUS EXCELLENT PROGRAMS

## 1 Efforts to Improve Learning Quality Through the Kampus Mengajar Program

Three students from the Faculty of Teacher Training and Education (FKIP) at Universitas Sebelas Maret (UNS) Surakarta, as part of the Kampus Mengajar Program under Merdeka Belajar Kampus Merdeka (MBKM) of Kementerian Pendidikan, Kebudayaan, Riset, dan Teknologi Republik Indonesia, collaborated with two students from Universitas Nahdlatul Ulama and Universitas Sahid Surakarta to implement several initiatives aimed at **improving the quality of learning** at SD Islam Amanah Ummah Surakarta.



The eighth Kampus Mengajar activity at SD Islam Amanah Ummah Surakarta is expected **to have a sustainable positive impact on students, teachers, and the school environment**. This program not only **enhances literacy and numeracy skills, learning quality, and school management but also provides valuable experiential learning opportunities** for students to contribute directly to the education sector.

## 2 Renewable Energy Education at Sekolah Alam in Solo Raya



Team 1.031 of the Merdeka Belajar Kampus Merdeka (MBKM) from the Mechanical Engineering Education Study Program (PTM), Faculty of Teacher Training and Education (FKIP) at UNS successfully held a teaching assistance activity titled **"Education on the Concept of New and Renewable Energy through Interactive Learning Media for Students of Sekolah Alam Solo Raya in Klaten Regency."** The activity was part of the MBKM Grant Program. The community partner for this program was Sekolah Alam Solo Raya (SELASAR) in Taji Village, Juwiring District, Klaten Regency.

To support the learning process, **the team designed three interactive modules focused on water turbines, wind turbines, and solar panels**. Additionally, **the students were introduced to entrepreneurship concepts** by utilizing these interactive learning tools as potential marketable products, highlighting their educational and economic value.

## 4 QUALITY EDUCATION



# ACCESS TO KNOWLEDGE RESOURCES THROUGH VARIOUS EXCELLENT PROGRAMS

## 3 | UNS Presents the 2024 Eco-Friendly School Award to Schools in Solo Raya

UNS through its Subdirector of Green Campus and SDGs presented **the Eco-Friendly School Award 2024 to several elementary schools in the Solo Raya region**. The awarding ceremony was held in person at Ruang Madukara, UNS Inn, on Friday, October 18, 2024. This initiative aims to **foster environmental awareness in the education sector, especially at the elementary level**. Prior to the event, the Eco-Friendly School Award team had conducted outreach programs to participating schools. A total of **109 schools registered for the competition**. The program **supports green initiatives and SDG awareness, emphasizing that environmental education should start at an early age to build a sustainable mindset among future generations**.



## 4 | KKN UNS Introduces Herbarium, Making Science Learning More Engaging at SD Kismoyoso

Group 38 KKN from UNS carried out their main work program at SD Negeri 3 Kismoyoso, Boyolali, by introducing herbarium-based science learning media. This activity took place on Wednesday, August 31 2024, and aimed

to provide an innovative learning approach for students. The herbarium serves as **a long-term learning medium for science (IPAS)** lessons at the school, benefiting not only students but also teachers by enriching teaching materials and methods.



## 5 | FKIP UNS Participated on International PLP in the SEA Teacher Program

**24 students of FKIP UNS conducted teaching activities in Southeast Asian schools** for one month in November 2024 through **the South-East Asia (SEA) Teacher Program**. The SEA Teacher Project is a flagship program under the Southeast Asian Ministers of Education Organization (SEAMEO), designed to provide pre-service teachers with the opportunity to practice teaching in foreign institutions. Students are expected to enrich their practical knowledge and international networks.

