

# Prof. Nasih Presents Roles of Universities in Preparing Generation to Face Industrial Revolution 4.0

**UNAIR NEWS** – Rector of Universitas Airlangga Prof. Moh. Nasih is honored to deliver a keynote speech in the Asia-Pacific Rector Forum. In the forum held on 20-21 November, 2017. Prof. Nasih delivered a presentation entitled Industry 4.0: Roles of Universities in Preparing The 4th Industrial Revolution-Ready Generation. The event generally discussed the theme of “Challenges and Opportunities of Higher Education in the Age of the Fourth Industrial Revolution”.

In the Forum held at Asia University International Conference Hall, Taiwan, Prof. Nasih said that in the era of Industrial Revolution 4.0 as the result of technological advances and the social development, the campuses must be more capable of producing competent generations. Universities in Indonesia, both public and private, including UNAIR, strive to understand and address these conditions proportionately.

“Because the quality of the academicians will affect the output or form of the campus contribution to the community,” he explained.

The Industrial Revolution 4.0 has brought more complexity to the needs of the community and stakeholders. “Then, the campus should be able to meet the challenge by preparing a brilliant generation ready to compete in the present era, ” he added.

The Government of Indonesia through the Ministry of Research, Technology and Higher Education has outlined the obligation for the universities to conduct Tri Dharma of Higher Education. This way, the soft skills and academic skills of

the academicians are well-trained. In the present era, Tri Dharma Higher Education, ie education, research, and community service, must be directed to the right target so the quality expected is achieved. In accordance with the demands of the community and stakeholders.

Aspects that need to be owned by academicians according to Prof. Nasih is the ability to master the convergence of Information Technology (IT), Operational Technology (OT), the Internet of Things (IoT), and Big Data Analytic.

“UNAIR has been and is implementing them. Convergence of technology-based elements will create a decentralized decision-making system. All become faster, precise, and in accordance with the demand of time, ” he explained.

There are many ways that universities can do to prepare human resources according to the demand of time, such as making the effort to provide higher education based on entrepreneurship in all fields or disciplines, the development of Research Based Learning, as well as the strengthening integrated inter-fields education for example, students majoring in management, also learn about information technology and communication strategies.

“With this mechanism, the campus can facilitate the establishment of interdisciplinary educational schemes. UNAIR has done that, for example by establishing Airlangga Health and Science Institute or AHSI. At AHSI, not only academics of medicine and health are involved, but also experts in the field of management, social, and so on, “said Prof. Nasih.

Furthermore, Prof. Nasih also said that universities should also require lecturers and students to conduct compulsory field studies. Thus, the demand at every level of society can be known for certain. They should also participate in community-based learning.

“It should be aimed to find solutions to territorial issues,

whether local, regional, national, and even international. Until now, UNAIR has also been actively conducting a comprehensive study in the community up to the level of ASEAN and the world, " explained the Professor FEB UNAIR.

In the end, Prof. Nasih reiterated that the campus should be open to information. There must be a good management information system. So that each unit can work and move forward together because, synergy and integrity are always the keys to success in every competition.

Universities must be more active in translating the demands of the community, the market, and stake holders. Thus, an educational strategy or direction can be set with an appropriate target. In addition, he said that the universities should also be concerned with government policy. So they must have a role in providing concrete input for executives. As an educational social entity, this role is an inherent responsibility.

"The Industrial Revolution 4.0 has brought significant changes in the global marketplace. The impact is spreading to all areas of life. Including education, "said Prof. Nasih.

Therefore, said Prof. Nasih, universities should not be stagnant and easily feel complacent. They should not turn a blind eye to the changes. Students should be provided with capabilities appropriate to the demands of stakeholders and the community. Thus, their usefulness can be more optimal.

In the forum, Prof Nasih gathered with rectors and institutional leaders from various countries, including antaranya Chang-Hai Tsai, M.D, Ph.D (Founder & Chairman of the Board Asia University), Dr. Chung-Laung Liu (Academician, Academia Sinica R.O.C), Jong-Tsung Huang (President of Higher Education Evaluation & Accreditation Council of Taiwan), Jeffrey J.P. Tsai (President of Asia University), Huey-Jen Su

(President of National Cheng Kung University).

Satyendra Patnaik (Rector / Advisor KiiT University of India), Singharajwarapan (Acting President of Chiang Mai University of Thailand), and Yao-Ting Sung (Vice President of National Taiwan Normal University). From Indonesia there will be Rector of Diponegoro University Yos Johan and Rector of Muhammadiyah University Yogyakarta Gunawan.

Author: Rio F. Rachman

Editor: Nuri Hermawan

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## Sri Wiryanti Focuses on Natural and Cultural Potentials of Bawean

**UNAIR NEWS** – A lecturer of Indonesian Literature Department, Faculty of Humanities, Universitas Airlangga, Dr. Sri Wiryanti Budi Utami, M.Si., has her own point of view on Bawean Island. For her, the island located in the region of Gresik Regency has a variety of uniqueness that is not found on another island.

“Bawean is a unique area,” said Wiryanti in her office room at the end of October.

Bawean uniqueness, according to Wiryanti, can be seen from many things. From a diverse society, a culture of assimilation that is recognized as a culture of its own, to the recognition of the locals as Bawean ethnicity. The local community is a

fusion of several ethnic groups such as Madura, Java, Bugis, Palembang, and even Malay.

“They always call it a miniature of Indonesia. Although they leave their hometown, they are still in love with their homeland, ” she added.

Asked about the attention and focus on Bawean, Wiryanti admitted that besides being unique, Bawean nature is very beautiful. She did not hesitate to call Bawean a small Bali in Java Sea. However, Wiryanti regretted the poor management of tourism.

“There are many things there that have not been properly managed. Nature, culinary, culture, and much more, ” she said.

### **Develop the Culture**

As a person in the field of linguistics and culture, Wiryanti stated that language uniqueness is also found in Bawean. One of them, local recognition of Bawean language. Although the way of speaking tends to lead to Madurese, according to her, local people admitted Bawean has its own language.

“Although lexicostatistically can not be said as a language of its own, but Bawean people strengthen the language with the culture. Because, language is not only related to the basic vocabulary, but also their attitude in addressing the language, ” she explained.

Not only that, as an individual who also focuses on local wisdom, Wiryanti tried to document a local community legend into a book. For her, it is very important because the legend and local wisdom that is only spoken without being written may be lost.

“In fact, all local wisdom are in the story, for example, the origin of the ancestors. Many of the characters coming from other places became the first milestone of the Bawean

population, from Java, India, Madura, and Campa. All these legends show that Bawean community is multi-ethnic and very diverse. Now we are compiling them in a book, " she said.

In the end, Wiryanti hoped that various parties such as the local government and UNAIR could focus more on the potential of Bawean. Therefore, the potential can be a laboratory for UNAIR which has a diverse knowledge from public health, veterinary medicine, marine fishery, economics, social, until the science of culture.

"If UNAIR excellence can be put together to manage Bawean, it would be more catchy and effective," she said.

Author: Nuri Hermawan

Editor: Feri Fenoria

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## [Airpol 3.0 Invites Students to Understand Future Public Transport Designs](#)

**UNAIR NEWS** – The progress of a country will be maintained if it is supported by the regeneration of qualified human resources. This is one of the tasks of universities in building the generation.

Universitas Airlangga through the Department of Political Science, Faculty of Social and Political Sciences (FISIP),

held a national talk show entitled "Go Green Transportation" on Friday, November 17, at Kahuripan Hall Management Office Building, Campus C UNAIR. The activity was aimed to provide insight to students, especially students majoring in Political Science, about the design of future public transportation oriented to the environment.

"As future leaders of the nation, students must learn from now. How to manage environmentally friendly transportation. This is the common challenge (environmental issues, ed), "said Vice Rector I UNAIR Prof. Djoko Santoso, dr., Ph.D., Sp.PD., K-GH., FINASIM., while giving a speech opening the event.

According to Djoko, the ability to make the right public policy, one of them, comes from a mature educational process. Therefore, similar events will be done to support the education at UNAIR and its objective towards Top 500 world class university.

Speaking in the event, Minister of Environment and Forestry Field Energy Expert Staff, Ir. Hudoyo, MM.; Director of Energy, Minerals and Mining Resources representative of BAPPENAS Ir. Josaphat Rizal Primana; Banyuwangi Regent Abdullah Azwar Anas, S.Pd., SS, M.Si; and Transportation Expert Tory Darmantoro, ST., MPP., M.Sc.

"Being a leader, every issue in society should be well defined. Once it is defined, convincing the community of the solutions we offer becomes the next challenge, "explained Anas in conveying the progress of Government of Banyuwangi.

There were 350 enthusiastic students listening to the material from the speakers. Participants are representatives from several universities in Indonesia such as Brawijaya University, Universitas Airlangga, University of Indonesia, Hassanudin University, General Soedirman University, Udayana University, Universitas Syiah Alam Aceh, Universitas Negeri

Makassar, Semarang State University, Syarif Hidayatullah University Jakarta, and Padjadjaran University.

Opened with Banyuwangi gandrung dance performance, Airpol 3.0 moderated by Dr. Suparto Wijoyo, a lecturer at UNAIR Faculty of Law. The discussion ran very well. Many students asked about the big themes, as well as the strategies and challenges facing Azwar, primarily related to pro-people and pro-environment policies.

Meanwhile, about Airpol 3.0, FISIP Dean Dr. Falih Suaedi, Drs., M.Si., in his speech stated that the event was the third time. Hopefully, students get the spirit as well as inspiration to be optimistic to be a leader in the future. Multi-disciplinary skills must also be mastered by the students.

“That’s why, in FISIP UNAIR, the curriculum of each program is very competitive. Cross-field materials are also presented in each program, “he said. (\*)

Author: Feri Fenoria

Editor: Nuri Hermawan

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## **Preventing Hoax News & Hate Speech, UNAIR FISIP Reasoning BSO Launches “Meruwat Sangka”**

**UNAIR NEWS** – The abundance of hoax news in the community was responded by Reasoning BSO of Faculty of Social and Political Sciences (FISIP) of [Universitas Airlangga](#). They launched Meruwat Sangka Campaign on Thursday, November 16, an anti hate



speech social campaign in the digital world that can be accessed at <http://meruwatsangka.org>.

The campaign is an initiative by FISIP Reasoning BS0 in response to the phenomenon especially in addressing the youth's passive response to what is happening in society.

Meruwat Sangka is intended to educate the importance of the critical and active attitude of youth in tackling hate speech and false news spread. In the campaign, several activities were introduced.

For example, *Instagram & Facebook Photo Challenge*, the youth will be invited to post the anti hate speech declaration and hoax news report they found by tagging the Kemkominfo account.

Pilot project is also held openly for youth in Surabaya aged 15-25 years as pioneers of Meruwat Sangka, through a coaching to carry out active activities against hate speech. Both through social media and street campaign.

"The pilot project (Meruwat Sangka, ed) is an important campaign activity. Not only in educating youth in Surabaya, but also encouraging active action in reducing hoax news that could endanger social life," said Anugrah Pratama as the head of FISIP Reasoning BS0.

With the campaign, the youth in Surabaya, especially students of Universitas Airlangga, is expected to have knowledge of the dangers of hoax news and be active and participate actively in efforts to reduce the rampant phenomenon.

Meruwat Sangka campaign has gained over 7,700 support on the Facebook page. The amount is expected to continue to grow, especially through the contribution of UNAIR students.

"It's important for everyone, to intelligently filter the news that is being heard or the broadcasted. The goal is promote

healthy mind in socializing, “said the Indonesian duo Endah N Rhesa about Meruwat Sangka.

The campaign is also intended as a real effort from BS0 FISIP Reasoning in implementing and upholding the value of *Excellence with Morality* Universitas Airlangga to create the excellent next generation. (\*)

Author: Delsia Apriliasari (Student of UNAIR Political Science 2016)

Editor: Feri Fenoria

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## **BEM Holds National Seminar and Book Launching**

**UNAIR NEWS** – Students’ movement today is seen as a dilemma. On one side the students are hegemonized by the heroic movements, such as 1998 strike. On the other hand, the demands of roles and contexts of today’s students are different from the past movements. As an initial effort to formulate the ideal student movement, BEM UNAIR 2017 through the Ministry of Social and Politics held a National Seminar and Book Launching entitled “Arah Gerak Mahasiswa Pasca Reformasi 98”, held at the Hall of Amerta UNAIR Campus Management Building Campus C, Saturday, November 18.

The seminar invited several speakers, Adian Napitupulu, as a former activist who currently serves as a member of House of Representatives and Aribowo, a lecturer of FISIP UNAIR. It was moderated by Linggar Rama Dian, a lecturer of FISIP

UNAIR. Veteran politician Fahri Hamzah was scheduled to attend the discussion, unfortunately, he could not attend.

In his initial presentation, Aribowo spoke more about student movement from the historical theoretical review, "The student movement can not be separated from the context of growing modernist theory," he explained.

The former Dean of Faculty of Humanities, what students should face today is the potential tendency of authoritarian government in responding to problems today, such as reporting the makers of chairman of the House of Representatives meme to the police.



The speakers present an interesting discussion

In the next session, Adian Napitupulu argued that he did not agree when the government today is stamped with authoritarianism. It should be tested with data support and clarification on which indicators are used to assess. Regarding the student movement, Adian focused more on

the issues, not on the methods used. “Student movement today should not copy student movement in 1998, oh, the president was besieged, now Jokowi should be too. That’s a wrong logic “, said the member of House of Representatives Commission VII.

The seminar was closed with a book launching from the Ministry of Political Social Affairs BEM UNAIR 2017. The book entitled “Dari Airlangga Bergerak untuk Indonesia ” is a collection of studies that have been held Ministry of Social Affairs BEM UNAIR 2017 and UNAIR student opinions. It contains many topics discussed, ranging from issues of HTI dissolution, Right of Inquiry to KPK, Setyo Novanto Law case, health issues, to student movement direction and other issues.

“This book is a form of literacy movement developed by BEM UNAIR in reviewing issues in their capacity as students. This is a publication effort that any movement undertaken by BEM UNAIR has a foundation of the study that can be accounted for ” said Dian Dwi Jayanto, Minister of Social and Politics BEM UNAIR 2017.

Author: BEM UNAIR Team

Editor: Rio F. Rachman

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## **Goodbye, Our Teacher ...**

**UNAIR NEWS** – The atmosphere of a residence at Jalan Dharmawangsa 27, Surabaya on Saturday, November 18, was different from usual. There was a big canopy in front of the yard. The chairs and flowers of condolences lined up in front of the fence. The mourners were seen coming and going.

The big family of Universitas Airlangga ([UNAIR](#)) is grieving. The rector in the period 1980-1984, Prof. Dr. Marsetio Donosepoetro, dr. SpPK (K), died at 09.10 AM at 87 years of age. Recently, the health condition of Clinical Pathology of FK Unair – Dr Soetomo Hospital Founder has deteriorated.

“The dedication of the deceased to UNAIR was real. In fact, the deceased also gave a major contribution to the nation such as when he became the Ambassador of Indonesia at UNESCO (1985-1990, ed ), “said Rector of UNAIR Prof. Dr. Moh. Nasih, SE., MT., Ak., CMA when mourning to the funeral home.



The flowers of condolences from the relatives keep arriving.

When he was the number one person in UNAIR, Professor of Faculty of Medicine (FK) was known as a firm person, disciplined, and an excellent role model. Character building was a priority. Thus, the graduates, and all the academicians, both lecturers and education personnel, have nobility, not only brilliance in terms of academic.

Prof. Marsetio also became one of UNAIR academics who came up with the idea of □□“universalization” of education, that all

disciplines should be synergized. For example, medical science, always connected with the social sciences.

Everything is interdependent and complementary, in order to achieve optimal results when implemented in the community. The man born in Jakarta, March 8, 1930 also often taught social sciences, both in UNAIR and other campuses.

The man who became Professor in 1976 was also popular with his method of teaching. The students could easily grasp the materials. The door of his house is always opened for students who wanted to come for consults. The professor was never bothered by the presence of his students. No wonder, his intimacy with many circles made him loved by the people around.



The atmosphere of his house.

The man who was married to Dalisar Mohammad Sarin in 1959 was also considered a good father figure who was close to the family. It was stated by doctor Erwin Ramawan Marsetio. "The deceased gave us an example through action. He did not talk much. He always advised on the importance of good morals," said the orthopedist.

The deceased's second son stated that his father always prioritized others. Although he was a senior and experienced doctor, Prof. Marsetio never lost focus on educational development efforts in college. "He cared about the world of education. Really concerned with generations to come," he explained.

On Sunday morning, November 19 at 08.00, there was a memorial service in UNAIR Management Office Building to give opportunity to academicians to pay their respects. At 09.00, the deceased was taken to the Surabaya Keputih General Cemetery.

Goodbye, our Teacher ...

### **Education History :**

1961 : Graduated Doctor from FK Universitas Airlangga

1961 – 1963 : Clinical Pathology Education at University of California

1972 : Medical Education Management in Sri Lanka

1974 : Clinical Pathology Specialist Course

1974 : Hospital Management Education in Leiden

1977 : Education of University Management at OHIO University

1979 : Educational Research Management at Los Panjos University Manila

1982 : Doctor of Science at OHIO University

### **Work History :**

1963 – 1974 : Founder of Clinical Pathology FK Unair – RSUD Dr Soetomo and served as Head of Clinical Pathology Division

1969 – 1970 : Deputy Director of RSUD Dr. Soetomo

1974 : Pioneer of Hemodialysis Unit in Clinical Pathology Division of RSUD Dr. Soetomo Surabaya

1974 – 1980 : Vice Rector UNAIR for Academic Affairs

1978 : Head of Education Teaching System Development Task Force at Ministry of Education & Culture

1980 – 1984 : Rector of Universitas Airlangga

1985 – 1990 : Indonesian Ambassador to UNESCO

1992 – 1997 : Head of Commission IX (Education) in DPR RI

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## **FKM Students Invite High School Students to Know Diabetes Early**

**UNAIR NEWS** – To commemorate World Diabetes Day, students of the Department of Health Promotion and Behavioral Sciences, Faculty of Public Health, Universitas Airlangga held a health promotion event with the concept of Anti Diabetes Modern Children (AKAD) on Friday, November 17.

The event which was held in SMA Muhammadiyah 7 Surabaya involved 78 class X students. Lisna Trijayanti as head of the committee said that the event was held to commemorate World



Diabetes Day. She deemed the event involving high school children is necessary, considering the risk of diabetes has reached all ranges of age.

“Beside having thirst for science, high school students as teenagers are also potential to be affected by diabetes,” he explained.

Lisna continued that diabetes risk factors are diverse, from an incorrect diet, inadequate physical activity, smoking or exposure to cigarette smoke directly.

“These are the factors that we often have and find around us,” he added.

For that reason, health promotion conducted by discussions, quizzes, watching movies, and various games made the event livelier. Regarding the activity, Lisna said that the target is teenagers, therefore, light and fun event is chosen as a promotional method.

“We deliberately organized light and fun event so the information about health can be conveyed and received easily by high school students ,” she explained.

Furthermore, Lisa also hoped that health promotion event that her team organized can be continued or done by other UNAIR students because according to Lisna health promotion for teenagers is very important.

“In addition to providing education to our own, the students can also apply a healthy lifestyle from information we provide,” she said.

Surya Alam Semesta, a participant who are also IPA 2 class X students admitted that he was pleased with the event. Even though he knew the causes and information about diabetes, for him, the arrival of UNAIR students gave him more insight on diabetes.

“A lot of lessons can be learned from this health promotion. Beside knowing more about diabetes, we as teenagers should understand it, ” he concluded. (\*)

Author: Nuri Hermawan

Editor: Binti Q. Masruroh

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## Hospitality Management Program Improves Student Public Speaking Skill

**UNAIR NEWS** – Public speaking is an important part of communication. By having an excellent public speaking skill, one will be able to increase the confidence when they speak in front of many people or during cooperation discussion.

The ability to speak in front of people is important to possess. Therefore, this ability is needed to face the competition of the times. For that reason, the three year vocational program of Hospitality Management, Faculty of Vocational Studies, [Universitas Airlangga](#) held a public speaking lecture and invited the founder of Public Speaking Academy Surabaya Fuad Zaky.

“Having public speaking ability will increase confidence. This is a capital for establishing cooperation, ” said Fuad in his lecture held in the Faculty of Vocational Studies Hall on Thursday, November 16.

Fuad said that it is important for a public speaker to respond early when starting to interact with the audience. For example, classroom interaction between lecturers and students

in classes.

“In the class, the majority of students will not understand and listen to lecturers if there is no initial greeting. Greet first because it is important for the interaction with the audience, “said Fuad.

Fuad who is also an alumnus of Accounting Faculty of Economics and Business UNAIR explained that there are five elements in communication that must be studied in public speaking, communicators, communicants, messages, media, and feedback. According to him, feedback is an important element that must always exist.

“Appropriate communication needs feedbacks,” he explained.

Head of D-3 Program of Hospitality Management Dian Yulie Reindrawati, S.Sos., MM., PhD. said that this guest lecture was held to gain insight in terms of public speaking. Dian added, the priority of the department is the development of student skills.

“So for us, students are our priorities. What we believe needed by the students, we will provide, “said Dian. (\*)

Author: Akhmad Janni

Editor: Binti Q. Masruroh

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**Pioneer of Tropical Disease  
and Infection Division Passes**

# Away

**UNAIR NEWS** – November 2017 may be a month of mourning for the academic community of Faculty of Medicine, Universitas Airlangga. After losing Professor of Physiology FK UNAIR Prof. Dr. Harjanto, JM, dr, AIFM., on November 7, 2017, FK UNAIR lost another professor, Professor of Internal Medicine, Faculty of Medicine UNAIR Prof. Rachmat Juwono, dr., Sp.PD., K-PTI.

Prof. Rachmat died at the age of 87 years on Friday, November 10, at Santa Vincentius A Paulo (RKZ) Surabaya Hospital. From Adi Jasa Foundation Surabaya, memorial service was held in FK Hall UNAIR on Thursday, November 16. The body then cremated in Eka Praya crematorium, Jalan Kembang Kuning.

Dean of Faculty of Medicine UNAIR with the faculty officials accompanied by Vice Rector I Universitas Airlangga Prof. Djoko Santoso, dr., Ph.D., Sp.PD., K-GH., FINASIM were present in the memorial service.

The family, fellow doctor mourned for his passing. Dr. Poernomo Boedi S. Sp.PD KGEH, FINASIM, chairman of Indonesian Doctors Association (IDI) East Java region said, FK UNAIR just lost its best doctor.

“He was quiet but really diligent,” he said.

During his lifetime, Prof. Rachmat has been involved in the development of medical science, especially in the field of tropical diseases and infections for 22 years. Prof. Rachmat. is one of the pioneers of Tropical Disease and Infection Division in UNAIR. The division was developed in the 1980s.

“Indonesia is a tropical country, so there are special diseases that must be studied by medical students, especially specialists. Therefore, program of tropical diseases and

infection was established, “he said.

Author: Sefya Hayu Istighfaricha

Editor: Nuri Hermawan

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## Dozens of Kindergarten Kids Visit FK UNAIR

**UNAIR NEWS-** It is quite common when dozens of high school students visit Faculty of Medicine of Universitas Airlangga. This time, it was not high school students who came, but cute kids from a kindergarten school.

Head of Public Relations FK UNAIR Eighty Mardiyana, SpOG (K)., suddenly appeared like a kindergarten teacher, when introducing the profile of FK UNAIR in front of 35 kindergarten kids from AB-TK Alfalah, Surabaya.

The arrival of these boys was welcomed at the Airlangga Medical Education Center Building (AMEC) FK UNAIR, November 16.

“Who wants to be a doctor?” asked Eighty. At once the kids in yellow uniform enthusiastically raised their hands. Their behavior and chatter instantly brought laughter.

Not to mention the looks. These boys were dressed in white lab coat costumes while draping a stethoscope around his neck. Funny!

The arrival of these kindergarten kids was unusual. However, the second oldest Medical Faculty in Indonesia welcome anyone who visits and wants to know FK UNAIR more closely.

Including when AB-TK Alfalah, Surabaya took the initiative to take their students to visit FK UNAIR. Through these activities, the school wants to introduce medical profession to the students.

“Because we know FK UNAIR is one of the best medical faculty in Indonesia, so we took the initiative to bring the children here,” said Ami, one of the teachers who helped accompany the group of kindergarten children.

This introductory activity is included in the learning process that alternate each week. Previously, the students were introduced to the police profession, now the doctor’s profession was chosen as their learning topic this week.

“Thank you for this welcome, hopefully the children are motivated to be a doctor,” she said.

Author: Sefya Hayu

Editor: Nuri Hermawan