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THE World University
Ranking by Subject 2022

Open Dialogue
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the Interdisciplinary School of
Management and Technology

ITS is the Overall Winner of KRI
in 4 Consecutive Years

Voice of Partner:
Samrith Khem
ITS International Student Alumni

Times Higher Education (THE) World University Ranking (WUR) by Subject 2022

Times Higher Education (THE) has launched the World University Rankings (WUR) by Subject 2022. ITS maintains its positions in three subject rankings – Computer Science, Engineering & Technology, and Physical Sciences. According to the new release, ITS has been ranked 601–800 for Computer Science, 801–1000 for Engineering & Technology, and 801–1000 for Physical Sciences. In the subject rankings, universities are assessed by five indicators: teaching, research, citations, international outlook, and industry income. Each subject has different weighting methods. Computer science and Engineering & Technology have the same weighting for each indicator, i.e., 30% for teaching; 30% for research; 27.5% for citations; 7.5% for international outlook; and 5% for industry income. While the weightings for physical sciences are 27.5% for teaching; 27.5% for research; 35% for citations; 7.5% for international outlook; and 2.5% for industry income. Computer Science, Engineering & Technology, and Physical Sciences received the total score of 19.50, 18.22, and 17.89, respectively. The scores of each indicator for each subject are shown in the provided infographics

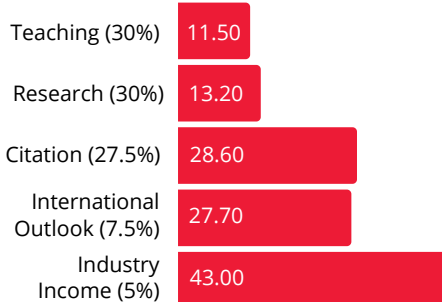


601 - 800 Computer Science

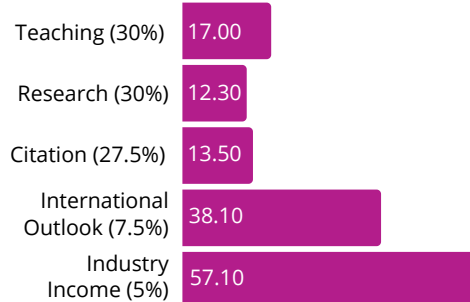
801 - 1000 Engineering

801 - 1000 Physical Sciences

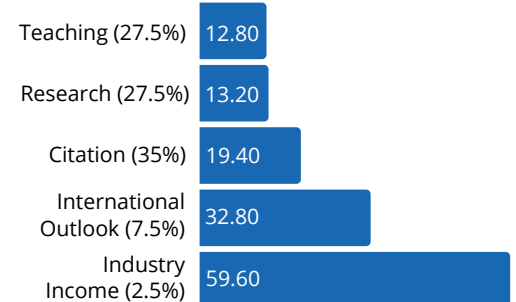
Computer Science



Engineering



Physical Sciences



Open Dialogue with Minister Nadiem at ITS

The innovation program to advance higher education is still being pursued by the Indonesian government. Through an open dialogue entitled *Dialog Merdeka Campus*, the Indonesian Minister of Education, Culture, Research, and Technology (*Mendikbudristek*), Mr. Nadiem Anwar Makarim B.A. M.BA. disseminated the so-called *Merdeka Belajar - Kampus Merdeka* (MBKM) program with the leaders and student representatives of universities in East Java, hosted by ITS on Thursday (21/10). The series of the Minister's roadshow was also attended by several officials, including the Vice Governor of East Java, Dr. H. Emil Elestianto Dardak B.Bus. M.Sc. and the Director-General of Higher Education, Prof. Ir. Nizam, M.Sc., DIC, Ph.D., IPU, Asean Eng.

ITS Rector, Prof. Dr. Ir. Mochamad Ashari M.Eng. mentioned that among the eight activities under the MBKM program, ITS was the university with the highest growth points. This achievement is supported by student participation and the spirit of MBKM which is running well at ITS. In total, there are 8,451 ITS students who participate in this MBKM program. ITS also managed to win grants from several competitions organized under the MBKM program. In addition to the event, there was an exhibition that presented various innovations from ITS, including *i-Nose 19*, *i-Car*, *i-Boat*, *Co-Film+*, *Raisa Robot*, braille printing machine, and many more. Minister Nadiem emphasized that education in Indonesia needs immediate changes. Later, if the education system in Indonesia is running well, it will be set as an example by many countries. Even though it was just running for the first time, Minister Nadiem advised ITS as a leading technology university in Indonesia to keep the spirit of MBKM even during difficult times.



ITS is the Overall Winner of KRI in 4 Consecutive Years

Strengthening its dominance in the field of robotics, ITS once again won the title of Overall Winner in the Indonesian Robot Contest (KRI) 2021 in four consecutive years since 2018. This achievement was announced at the Closing Ceremony of KRI on Saturday (16/9). Prof. Dr. Eng. Drs. Benjamin Kusumoputro M.Eng. as the Chairman of the KRI judges announced that ITS won ten awards at the KRI 2021. This achievement was accomplished by five ITS robotics teams, namely *RIOT Team*, *IRIS Team*, *ICHIRO Team*, *Vi-Ros Team*, and *Rival Team*.

In this national robot contest held by the Indonesian Ministry of Education, Culture, Research, and Technology (*Kemendikbudristek*), ITS robotics teams competed in five categories. The first category is the Indonesian ABU Robot Contest (KRAI). In KRAI, ITS is represented by the *RIOT Team*. The *RIOT* team initiated ITS accomplishment by successfully winning 1st place. With this achievement, ITS will represent Indonesia at the ABU Robocon 2021 in Jimo, China, this December. The *RIOT* team was also titled the Best Design and the Best Strategy.

In the Indonesian Dance Robot Contest (KRSTI) category, the *Vi-Ros Team* won 3rd place. In the Indonesian Wheeled Football Robot Contest (KRSBI) category represented by the *IRIS Team*, ITS won 2nd place and was titled the Best Strategy award. Meanwhile, in the Indonesian Humanoid Football Robot Contest (KRSBI) category, the *ICHIRO* team won 1st place. Similar to the *ICHIRO* Team, in the Indonesian Thematic Robot Contest (KRTMI) category, the *Rival Team* also won 1st place. This series of achievements prove that ITS is one of the best universities in the field of robotics.



ITS Launches the Interdisciplinary School of Management and Technology

Preparing graduates to face the Industry 4.0 era is one of the ITS visions as one of the prominent technology universities in Indonesia. Therefore, ITS officially unifies graduate-level cross-disciplinary education programs by launching the Interdisciplinary School of Management and Technology (*SIMT*) and the addition of a new study program, Master of Innovation and Technology on Saturday (16/10).

In the launching of *SIMT*, ITS Rector, Prof. Dr. Ir. Mochammad Ashari M.Eng., explained that there have been various postgraduate interdisciplinary programs at ITS, but they are still scattered in various organizations. Therefore, this brand-new program will bridge various disciplines to meet the needs of nowadays era. On the same occasion, the Dean of *SIMT*, Prof. Ir. I Nyoman Pujawan M.Eng. Ph.D. C.SCP. stated that he was ready to realize the vision of managing interdisciplinary education.

SMIT consists of the Technology Management study program which is divided into two levels, namely the Master of Technology Management and the Doctor of Technology Management. Complementing the Technology Management study program, the launching of *SIMT* also presents a new study program, namely the Master of Innovation and Technology which covers the Professional Engineer Program and the Continuing Training Program.



Samrith Khem

ITS International Student Alumni from Cambodia
Department of Mechanical Engineering, ITS
Graduated with Cum Laude

Voice of Partner

"The learning atmosphere at Institut Teknologi Sepuluh Nopember (ITS) is excellent. I had strong support from supervisors, lecturers, friendly colleagues, classmates, staff members, and international offices towards completing my master's degree. Being taken care of by all of them makes me feel relaxed and motivated to attend the class, participating in the class activities. This university time has enabled me to immerse myself in international experience and meet a wide range of friends from different cultures. There, I am encouraged to explore my potential fully. The most enjoyable time during my university life at ITS is having a snack together and experimental study. My message for the next generation of students is always to prepare and not be afraid to try. Preparation is essential. When we are ready, the results achieved are maximized. If you encounter difficulties, be brave to face them. There is a lot of hidden potential in yourself."