Professor Mehdi Fardmanesh: Don't be afraid to doubt!

We should seek help from philosophers and sociologists, says Mehdi Fardmanesh, professor at Sharif University of Technology in Iran, discussing the rapid development of technology. An expert in the field of electronics and bioelectronics, the founder of a number of scientific laboratories, the creator of many courses in various fields, Professor Fardmanesh calls science an art, believes that doubts contribute to the evolution of knowledge and that online education will never

a mathematical formula, but in my opinion it is an accurate definition of science.

 ĩ This brings to mind the catchphrase: «The more I know, the more I realize that I know nothing».

philosophers, psychologists, sociologists ï can help us in this.

 Is the teaching process at SPbPU much different from other universities?

 I would say that the teaching style at Polytechnic University is a little different from what Iǐm used to. But students adapt very quickly. I think the fact that the lectures are in English is very useful for them. My lectures are very interactive, and the students interact well with me. Not everyone is fluent in English, but you can shake them up and say: wait, itǐs not your native language! Itǐs not mine either, by the way. I also make mistakes, but I am a scientist-engineer, who first of all cares about the result.

 What three important qualities, in your opinion, should a student or a young scientist have in order to succeed?

 The first is to be a broad-minded person with no preconceptions. Have the ability to explore and observe. The second is to study scientific concepts carefully to avoid superficial knowledge. And third, never assume that you really know a subject. Facts you are completely sure of today may be false tomorrow. I would put it this way: always doubt what you know and what you believe. We donǐt know how much we donǐt know. And how can I be sure of what I donǐt know? Confidence stops us from growing. Why learn something when you already know everything? But when you doubt, your knowledge evolves and improves. So donǐt be afraid to doubt!

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†ЋНЋ КОЌЖГЕЋСГГ: 2023.01.27

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