



Cultivating Technopreneurship For The Community During The 19th Covid Pandemic In A Mechanical Engineering Perspective

Mechanical Engineering Study Program, Faculty of Engineering, University of Medan Area held a webinar event with the title "Developing Techno-reneurship for the Community During and Post-Large Scale Social Limitation in the Mechanical Engineering Perspective" on Monday, July 6, 2020 through the Zoom and Live application streaming on the Medan Area Area youtube channel. The resource person of the webinar was Mr. Ir. M. Sobron Yamin Lubis, M.Sc, Ph.D. who is a Lecturer at Tarumanagara University Jakarta (UNTAR).

This webinar was held publicly and was attended by hundreds of participants from universities throughout Indonesia and from the community, students and also successful entrepreneurs in the field of mechanical and industrial technology. The program began with remarks by the moderator Mr. Ir. H. Darianto, M.Sc, activity report by Ka. Mechanical Engineering Study Program, Mr. Muhammad Idris, ST, MT, remarks by the University of Medan Area Rector, Prof. Dadan Ramdan, M.Eng, M.Sc and at the same time opening.

The preliminary material presented by the resource person contains about how the conditions in the co-19 pandemic era were felt by all people in Indonesia, there was a decline in the economy, an increase in the number of unemployment that occurred in Indonesia, and also an explanation of how the Indonesian situation is now in the face of new normal.

The core material presented contained about the deepening of the material on how we can develop Technopreneur knowledge to deal with new normal. Technopreneur is defined as a business opportunity that utilizes current technology. This condition also encourages the industry to use human resources of graduates who are competent and have an entrepreneurial spirit.

In this webinar the Speaker also gave tips on how to become a successful technopreneur in the mechanical engineering perspective. The guest speaker also explained how to build Technopreneur through Rapid Prototyping Technology. Rapid Prototyping (RP) can be defined as methods used to create a scale model (prototype) from the start of a product part (part), or product assembly (assembly) quickly by using three-dimensional Computer Aided Design (CAD) data.

Followed by a discussion of examples of machine products produced using the Rapid Prototyping Application. The conclusion of this webinar is that Technopreneur has creativity and innovation in reading weaknesses so that it becomes a business opportunity. As well as Rapid Prototyping Technology, especially 3D printing has a great opportunity to build technopreneurship.

The event went well until the end of the whole series of events. All participants' questions were answered clearly by the speakers and received very positive responses from all participants.

