

IMPLEMENTATION OF SLAMET RIYADI VALUE IN FORMING QUALIFIED STUDENTS TO FACE THE INDUSTRIAL REVOLUTION 4.0

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Abstract

Ignatius Slamet Riyadi is one of the young figures who have a high nationalism spirit since childhood. Lots of revolutionary actions carried out by Ignatius Slamet Riyadi in his efforts to fight for Indonesian independence. Slamet Riyadi is a figure who is very active in several military operations. He is not only a professional on duty but also someone who cares about the people and welfare in society. He collaborated with the people to jointly fight for independence until finally Slamet Riyadi died in the military operation and was buried in Ambon.

The values contained in Slamet Riyadi are in line with the needs of human resources in order to face the era of the industrial revolution 4.0. In order to realize Industry 4.0 in Indonesia, academics are required to be involved in developing research and preparing adequate human resources. This article aims to examine the aspects and direction of the development of research and preparation of human resources at the University of Slamet Riyadi Surakarta, an institution established in order to play an active role in the development of science and technology for sustainable human welfare, upholding cultural values and the spirit of Pancasila taken from the

Revolutionary Heroes Ignatius Slamet Riyadi. This article is expected to give an idea of what Industry 4.0 is and the efforts made by Slamet Riyadi University in implementing Slamet Riyadi's values to face the fourth industrial revolution.

Keywords : slamet riyadi, industry 4.0, academics, values

1. INTRODUCTION

1.1. Background

Ignatius Slamet Riyadi was a revolutionary hero from Surakarta who influenced Indonesia's struggle for independence and post-independence. Thanks to his persistence, discipline, intelligence, and nationalism spirit, Slamet Riyadi was made as one of the heroes who was highly appreciated by the people of Surakarta. Slamet Riyadi statue stands majestically at Gladak roundabout, Surakarta. In addition, Slamet Riyadi University whose logo is a pentagon frame in the form of a yellow and gold flower that symbolizes Kusuma Bangsa, namely to commemorate the services of Ignatius hero Brig. Gen. Slamet Riyadi.

The term Industry 4.0 was born in Germany precisely when the Hannover Fair was held in 2011 (Kagermann et al., 2011). The European Parliamentary Research Service in Davies (2015) said that the industrial revolution happened four times. Industry 4.0 was announced a priori because the real event had not yet occurred and was still in the form of ideas (Drath and Horch, 2014). According to Zhou et al (2015), there are generally five major challenges that will be faced, namely aspects of knowledge, technology, economy, social, and politics. Kagermann et al (2013) said that academic involvement is needed in the form of research and development to realize Industry 4.0.

1.2. Goal

The purpose of this article is to describe the values of Slamet Riyadi in line with human resources needs in the face of the Industrial Revolution 4.0

1.3. Method

The method used in compiling this article is to study primary data with direct observation and secondary data in the form of books, and electronic journals, online newspapers, and youtube channels.

2. DISCUSSION

2.1. History Of Ignatus Slamet Riyadi

Slamet Riyadi was born in Solo, Central Java, on July 26, 1927 under the name Soekamto. His father, Raden Ngabehi Prawiropralebdo, was a courtier and officer at Surakarta Hadiningrat Sunanate. Meanwhile, his mother, Soetati, helps meet her daily needs by selling fruit. After the general attack of Solo, Slamet Riyadi was baptized in The Church of Saint Antonius Purbayan Solo. His name became Ignatius Slamet Riyadi.

Slamet Riyadi is not only a professional soldier in charge of defense and security but also as a person who cares about the welfare of the people. He and his troops and the civilian government always joined hands closely. Letnal Colonel Slamet Riyadi's struggle to maintain the integrity of the Unitary State of the Republic of Indonesia did not only stop there. In a number of sparatism operation crackdown, Slamet Riyadi was active until he died as Kusuma Bangsa on the front of the crackdown of the Republic of South Maluku in front of Fort Victoria Ambon. *(Thesis-Role of IGN Slamet Riyadi in defeating the Republic of South Maluku (RMS) 1950).*

2.2. Industry 4.0

The term Industry 4.0 was born from the idea of the fourth industrial revolution. Its existence offers many potential benefits and in order to realize Industry 4.0, it requires the involvement of academics in the form of research. Presented by Zhou et al (2015), there are generally five major challenges that will be faced, namely aspects of knowledge, technology, economy, social, and politics. To answer these challenges, a large, planned and strategic effort is

needed both from the regulatory side (government), academics and practitioners.

Industry 4.0 does offer many benefits, but it also has challenges to face. Research conducted by Balasingham (2016) also showed a factor in the company's reluctance to implement Industry 4.0 due to worries about the uncertainty of its benefits. In addition, Industry 4.0 makes many elements using information and communication technology become IT-based, so that artificial intelligence appears that replaces the role of humans in it. The real example is an application such as gojek, bukalapak, traveloka, etc. that is very easy to use to make it easier for people just by smartphone.

The social impact that occurs today is not only companies in Indonesia but around the world doing efficiency and reduction of employees to pursue targets due to the emergence of new competitors that are not thought through. According to Analisa Widyaningrum (Psychologist) in his Youtube channel entitled **All must be ready to face the era of 4.0 (Q & A)** *"There is 1 thing that can not be replaced with technology that is emotional intelligence. If humans do not work by using emotional intelligence, then do not blame technology in place of humans. All we have to do is manage our empathy, look at it from the point of view of others, regulate and control negative emotions by studying emotional and spiritual intelligence because that's what sets people apart from technology"*.

2.3. Slamet Riyadi University As A Tangible Manifestation Of The Values From Slamet Riyadi In The Industrial Era 4.0

Slamet Riyadi University as UNISRI is a campus located on Sumpah Pemuda Road, No. 18 Kadipiro Village, Banjarsari District,

Surakarta City. One of the symbols of the university is a pentagon frame in the form of a yellow-and-gold flower symbolizing Kusuma Bangsa, in memory of the hero Brig. Gen. Slamet Riyadi.

Lectures held at UNISRI are not only through face-to-face material giving, but through the online portal *Sinau Bareng* (E-Learning UNISRI website). Students can also access it on the internet and can learn easily. For administrative purposes including payment of tuition fees and printing of KRS (Study Plan Card), KHS (Study Result Card) can be through the Portal of Self-Access Bridge (AAM).

Director of Compliance and Human Capital of PT Bank Mandiri, Agus Dwi Handaya in an interview with Media Indonesia said, "The key to building human resources is with the academic strength of the campus with a research and innovation base can be the right partner for the government and the business world in order to build the economy". In line with this, UNISRI continues to collaborate with many parties in order to realize quality human resources in accordance with the values of Slamet Riyadi in order to meet the industry 4.0 that began to penetrate in Indonesia. The efforts made by UNISRI can be seen in various elements such as libraries that apply e-journals and e-libraries. In addition, various cooperations are also carried out by the campus with various elements such as internship programs with various international institutions to accelerate student mobility in the face of culture shock and tolerance between countries, and training held regularly by *Mapala arcapada Unisri* that is directly related to nature and navigation in accordance with the values of Slamet Riyadi in times of struggle. In addition, UNISRI also continues to promote various seminars related to industry 4.0 such as curriculum review workshops based on Industrial Revolution 4.0, etc.

Libraries, hotspot areas and laboratories are provided to facilitate access for academic community as well as functioned to cultivate the use of internet-based information and communication technology and technology. Various faculties in UNISRI are directed to produce qualified scholars with modern science in accordance with their roles so that they are ready to become human resources that are able to fill the needs of a skilled workforce, skilled, independent, and sensitive to changes in science and technology.

3. CONCLUSION

The values that can be taken from Ign Slamet Riyadi are very in line with the needs of human resources in the 4.0 era such as emotional and spiritual intelligence as well as the high nature of nationalism. Qualified, competent and ethical human resources can be a valuable asset for Indonesia. Education and research are the basic capital of creating competent human resources and can make good use of Artificial Intelligence. For example, UNISRI conducts various efforts such as community service from lecturers who are now ranked 196th out of 1977 universities in Indonesia. In addition, in 2019 UNISRI Research Cluster rose to Madya. The provision of various scholarships and internship opportunities for students to study abroad in order to produce competitive human resources in the future also get top priority. Hopefully, the programs that have been well implemented and will be developed by Slamet Riyadi University can be continuously improved to realize competitive human resources and become a role model for the next generation, especially in remote areas by paying attention to quality according to the values of Ignatius Slamet Riyadi Hero.

LIBRARY LIST

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