Defending the Country UPNVJ Webinar Series with the theme "Digital Forensics for State Defense and Voice Recognition for Forensic Digitalization"

Thursday, 14 January 2021 11:12 WIB

UPNVJ Public Relations - Still within the framework of UPNVJ's 58th Anniversary, UPNVJ is again holding *a Webinar Series* with various topics such as Digital Forensics for Defending the Country, Voice Recognition for Forensic Digitalization, Smartly Assessing the Credibility of Social Media Information Sources, and Defending the Country in Cyberspace with speakers - Qualified speakers in their respective fields.

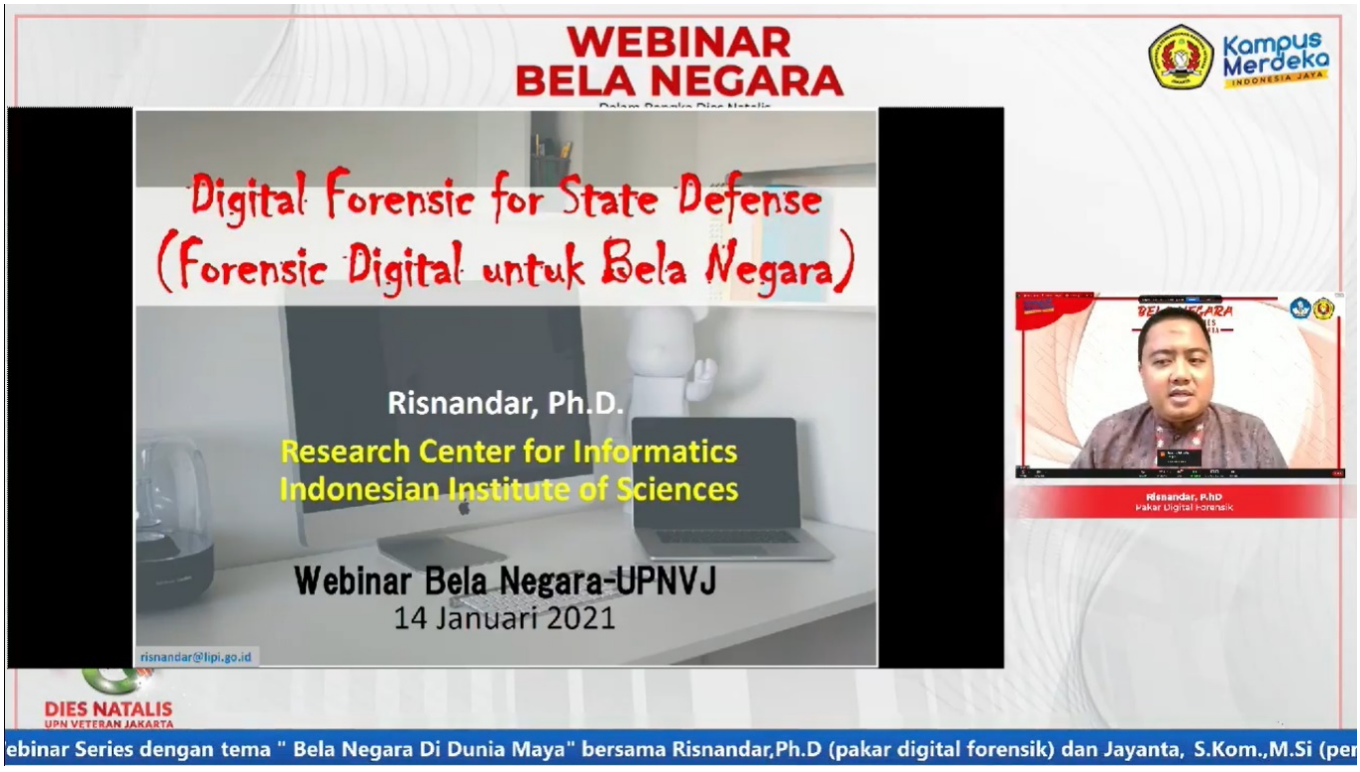
On Thursday 14 January 2021, *a Webinar Series* was held on the topic Digital Forensics for State Defense and Voice Recognition for Forensic Digitalization, with resource persons Risnandar, Ph.D and Jayanta, S.Kom., M.Sc. This webinar activity was held from 08.00 WIB to 11.00 WIB with approximately 350 participants from both lecturers, students and the general public.

This *Webinar Series* activity was held as one of UPNVJ's efforts to uphold the attitude of defending the country by carrying the theme of defending the country in this 58th anniversary webinar. In his remarks, UPNVJ Deputy Chancellor for Academic Affairs Dr. Anter Venus, MA, Comm said *"UPNVJ is a campus founded by veterans with the initial spirit of establishment to fill independence. The spirit that was carried for the establishment of this campus was the spirit of defending the country. UPNVJ continues to be totally committed to maintaining and upholding the Unitary State of the Republic of Indonesia. One of the efforts is to provide literacy about defending the country. Such as publishing books, conducting research on state defense, holding festivals, defending state application systems and of course webinars like today.*

"The theme raised today is the theme of defending the country in cyberspace. This theme arose because of our anxiety over the hustle and bustle in cyberspace, which we consider does not support the maintenance of maintaining the unity and progress of the nation. Like the issue that is still hot about breaking the Indonesia Raya anthem.

Closing his remarks, Dr. Antar Venus said " *We hope that in this webinar we can discuss and increase our knowledge of defending the country so that our country remains intact and advanced"*

The webinar began with the first guest speaker, Risnandar Ph.D, who delivered the topic Digital forensics for state defense, whose main focus was discussing definitions and some traditional digital forensic techniques, such as recovering deleted data and such as determining which storage device was attached to a particular computer. Apart from that, Risnandar also conveyed about anyone who needs digital forensics.



"What needs digital forensics is like law enforcement to defend the weak in court, besides that it is also needed for the military or police and also BIN, one of which is anti-terrorism efforts. And also for the general public for data recovery that was accidentally deleted or notâ€

The webinar was continued with a presentation by the second speaker, namely Jayanta, S.Kom., M.Sc, who presented the topic of Speech Recognition for Forensic Digitalization. In his presentation, he explained about voice recognition for digital forensics. Existing voices can be broken down into important information, which can be characterized. *â€œA voice identification scheme can prove whether the recorded voice is the person's voice there or not. This identification stage of the recording process captures the sound to get good sound quality. From here then we identify. Then we just get voice speakers.â€. "The results of this identification will be provided to law enforcement as additional data."* Jayanta continued.

Talking about Deep Learning Fake, Jayanta said *â€œThe voice characteristics of people are different. People who are sick also sound signals must be different. We can use and develop this tool if we want to use it on a cellphone, for example. This is what we can later see in digital forensics that we apply to defend our country. As academics, we can direct the tool.â€*

Closing *the Webinar Series* this time, the Moderator conveyed the conclusion of the topic presented by Mr. Jayanta and the MC closed with a group photo with all participants.

Export tanggal : Saturday, 20 December 2025 Pukul 15:17:48 WIB.
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