



# Training on Applications and Tools for Podcast Production for Man 1 Rembang Students and Teachers

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**Abstract:** This problem concerns the need for understanding and producing podcasts at Madrasah Aliyah Negeri 1 Rembang. The purpose of this study is first to understand the use of podcast production tools, second to equip podcast production skills using the latest technology. The method used in this study uses a qualitative method. The approach used in this study uses a narrative approach. The data in this study were obtained from the results of observations, interviews, and documentation at Madrasah Aliyah Negeri 1 Rembang. The data collection techniques in this study used observation techniques, interview techniques, and documentation techniques. Data analysis in this study used reduction techniques, data presentation, and conclusion drawing. The results of this study are first, increased student understanding of the use of podcast tools, second students understand the use of the latest production tools.

**Keywords:** Application training, Tools, Production, Podcast

## 1. Introduction

Learning is a complex process and the complex actions and behavior experienced by students (Hariyadi & Darmuki, 2019: 281). Learning is said to be complex because it is influenced by many factors, both internal and external to students. One of the students' internal factors is their interest in the learning process. Interest is a mental strength that drives a person's desire to direct their attitudes and behavior towards active learning (Darmuki and Hidayati, 2019: 9); Al Mabruroh, et. al (2020); Angelia, et. al (2020); Ardianti, et. al (2017). External factors for students such as teaching materials, learning environment, and learning infrastructure. Students experience the learning process as subjects involved in learning activities. According to (Nisa, Roysa, and Kanzunudin, 2021); Devi, et. al (2020); Fakhriyah, et. al (2017); Fathurohman, et. al (2018); Hanif, et al (2018); Hartani, et. al (2018), maintaining a polite attitude is one of the Indonesian cultural values that is worth applying in daily interactions. This includes the way we communicate with more senior people, peers, and younger individuals. This learning process is characterized by student learning activities. This active learning can be seen from students' physical and mental participation in the learning process. According to (Darmuki & Hariyadi, 2019: 257), activity is an activity/anything that shows a person's physical or mental involvement in a particular activity. Activity is determined not only by physical activity but also by non-physical activity such as mental, intellectual and emotional activity. Activities are demonstrated by language activities such as expressing opinions and responding. Discussing, asking questions, giving suggestions, etc.

Education explains things that are valuable for the nation, especially for developing countries that are diligently managing state planning. Indonesia itself is an example of a developing country, the development carried out by its people provides the media or tools to move towards a developed country through education. Education can be a bridge for developing countries to developed countries. A country can be judged whether it is advanced or not through its education. The learning process must involve two things, namely, the existence of pupils or pupils and teachers or educators. It can be said that the learning process depends on the teacher or not, because the teacher is the learning leader.

Educational activities are a process activity to change humans from a certain state to humans who have increased information or knowledge. More simply, humans will understand something better through the education process. Humans definitely need knowledge, from birth humans are introduced to education. The first education was given by the mother by learning to crawl which was then followed by running and speaking fluently. In life, education is very important, without education humans are blind to everything. Technology will not progress if education and knowledge do not exist, changing times will never occur, and this world will not be as advanced as it is without education.

Language has a central role as the dominant communication tool in daily activities. The acquisition of a first language, especially mastery of the mother tongue, is a crucial stage in early childhood development. This stage involves a process where children learn vocabulary and language structures from the surrounding environment, especially through interactions with family members and the social environment (Nugraheni & Ahsin, 2021); Lestari, et al (2020); Nisa, et al (2020); Nugraheni, et. al (2020); Ristiyani, et. al (2019). Humans will develop into complete human beings if they have passed several educational skills, namely, (1) listening skills, from birth the first skill or education we get is listening, by listening to whatever parents say or parents comforting the baby, the baby will definitely laugh even though understand the statement or not. Then (2) speaking skills, after the baby listens to what his parents say, the baby will try to practice saying it with his slurred accent. (3) reading skills, a human being continues to develop and then experiences a phase of learning to read. In the reading skill phase, a human being is already at the upper-intermediate level. Human abilities begin to be tested in this phase. Usually this phase humans are 5-8 years old. (4) writing skills, this skill is the highest level of educational skills. Writing skills begin to be used in the Senior High School (SMA) phase, which is usually used to write scientific papers, because in high school they are given scientific writing material.

In analyzing the educational situation at MAN 1 Rembang, problems are illustrated that require serious handling. One of the crucial issues that arises is the lack of understanding and application of modern technology among students and teachers. This is reflected in the low level of technology integration in the learning process. Students and teachers at MAN 1 Rembang are still limited in understanding and using modern production applications and tools. Limited accessibility to technology is a major obstacle, which also complicates efforts to integrate technology in the learning process. Moreover, limited infrastructure and hardware make access to technology increasingly difficult for schools. Therefore, a training program entitled "Training on Applications and Tools for Podcast Production" is a strategic step to overcome this problem. Through intensive training, it is hoped that students and teachers will gain a better understanding of modern podcast production applications and tools. Technology is knowledge aimed at creating tools, processing actions and extracting objects. The term "technology" is widely known and everyone has their own way of understanding the meaning of technology. Technology is used to solve various problems in our daily lives, in short; we can describe technology as a product, process, or organization. Additionally, technology is used to expand our capabilities, and that makes people the most important part of any technological system.

PodcastPodcast also refers to material in video form so that the definition of podcast can refer to audio podcasts or video podcasts. Apple itself defines podcasts as audio and video broadcasts available on the internet for playback on portable devices or computers, such as iPad, iPod, or Mac. Long story short, the term podcast is defined as audio or video material available on the internet which can be automatically transferred to a computer or portable media player either for free or by subscription. 1. Characteristics of Podcastsa. One-time production. b. Serial production where new "episodes" are produced every day, weekly, or monthly. c. Automatically downloaded when new content is uploaded by the "podcaster". d. Can listen anytime and anywhere. 2. Types of Podcasta. Podcasts in general are in the form of audio. Made using a voice recorder and the format is mp3. b. Podcasts that have been enhanced, namely using audio with additional slides & images. Usually done for presentations with narration and chapters. The format used is .mp4a or .mp4b, but it can also be a .mov file and even .PDF. c. Podcast, or video podcast. Made with a camera recorder and digital video and the format is .mp4 or .mov. 3. Audio Podcasts in Indonesia Even though they are not yet popular enough in Indonesia, 'locally' produced audio podcasts are increasingly popular on the internet. Apart from containing text and images as well as live streaming broadcasts, conventional broadcast radio sites also provide a wide selection of audio content on their podcast channels.

## 2. Research methods

This research uses qualitative research methods and uses a narrative approach in the research process. (Suwendra, 2018) said qualitative research is a research procedure that produces descriptive data in the form of written and spoken words from the research object. The data obtained comes from observations, interviews and documentation. This research was carried out at MAN 1 Rembang involving teachers and students of MAN 1 Rembang.

### 3. Results and Discussion

MAN 1 Rembang is the main research partner in this program. MAN 1 Rembang is a historic secondary school that has a strong position in providing education to students in the region. However, when analyzing the condition of this partner, there are several factors that need to be considered. First, it is necessary to consider the readiness of MAN 1 Rembang students and teachers in utilizing technology. Students may have different levels of technology skills, so programs should be designed to meet their varying needs. On the other hand, teachers may have different skills in integrating technology into learning. Apart from that, infrastructure and accessibility are also important factors. In order for this program to run smoothly, technical infrastructure such as internet connections and hardware must be available. Analyzing the infrastructure situation and technology accessibility at MAN 1 Rembang will help determine the right strategy.

In addition, the support and commitment of the school, including the principal, administrative staff, and educational community, is also very important. Support for this program determines its success. Therefore, an important step in analyzing a partner's situation is to understand the school's level of support and commitment. Finally, it is important to consider the needs and expectations of all stakeholders, including students, teachers, and other school personnel. Understanding these needs and expectations will help researchers design programs that are appropriate and relevant to the needs of MAN 1 Rembang. By considering these factors when analyzing partner situations, this training program can be designed and implemented more effectively, thereby providing maximum benefits for MAN 1 Rembang and all parties involved.

In the MAN 1 Rembang situation, there are several important problems that need to be resolved immediately. First, there is a gap in technical understanding between students and teachers. Many of them are still not used to using modern production applications and tools that can increase learning effectiveness. This lack of understanding is the main obstacle in responding to the dynamics of education in the digital era. Intensive training and teaching is needed to increase students' and teachers' understanding of the latest applications and production tools that support effective learning in the digital era. Second, limited access to technology is a serious problem. Limited infrastructure, such as unstable internet connections and faulty hardware, limits students' and teachers' ability to access online educational resources and use technology for learning. Limited technological infrastructure hinders student and teacher access to online educational resources. Expanding infrastructure and providing adequate hardware is the key to overcoming this problem. Apart from that, the low level of technology integration in the learning process at MAN 1 Rembang is also a concern. Even though technology has become an integral part of everyday life, its use in learning is still relatively low. This affects learning efficiency and makes it difficult for students to acquire modern skills. Lastly, there is a technology skills gap between students and teachers. Some students are more adept at using technology than others, creating gaps in learning opportunities. Aligning the technology skills of everyone involved is critical to creating an inclusive and effective learning environment. It is hoped that by overcoming these problems, MAN 1 Rembang will be able to create a more responsive learning environment so as to prepare students and teachers to successfully navigate this increasingly digital world.

Based on the problems faced by partners as explained above, the solutions that can be offered in this PkM activity are as follows; 1) increasing students' and teachers' understanding of modern production applications and tools through active participation in training and workshops, 2) increasing technological accessibility by expanding infrastructure such as updating internet networks and additional hardware, 3) increasing the integration of technology in learning through developing and implementing strategies that suit the school's needs. 4) reduce the technology skills gap through active participation in mentoring programs and access to additional resources.

### 4. Conclusion

In the midst of rapid technological developments, many students and teachers are still limited in understanding and using relevant applications and production tools. This problem is an obstacle in improving the quality of learning at MAN 1 Rembang. Through this training program, we aim to overcome these problems. Our main goal is to increase students' and teachers' understanding of modern applications and production tools, increase accessibility and integration of technology in the learning process, and improve the overall quality of learning. With the method we designed, we are confident that this program will provide significant results. It is hoped that through this intensive training, there will be an increase in students' and teachers' understanding of modern production applications and tools. In addition, providing devices and internet access will increase technology accessibility at MAN 1 Rembang. Better integration of technology in the learning process is also expected to improve student engagement and the overall quality of learning. Through close collaboration between students, teachers and related parties, we also hope that this program will encourage the creation of a dynamic and innovative learning environment at MAN 1 Rembang. Thus, we believe that this program will provide great benefits for the progress of education at MAN 1 Rembang and open up new opportunities for students and teachers to develop in the digital era.

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