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THE EFFECTIVENESS OF CONSTRUCTION MODULE IN FASHION TECHNOLOGY TRAINING FOR THE WORLDSKILLS MALAYSIA COMPETITION

Nurulkusuma Adnan[1*], Siti Nurain Abdul Rahim[2]

[1] Department of Design And Visual Communication, Politeknik Ibrahim Sultan (PIS), Malaysia
Email: nurulkusuma@pis.edu.my
[2] Department of Design And Visual Communication, Politeknik Ibrahim Sultan (PIS), Malaysia
Email: sitinurain@pis.edu.my
[*] Corresponding Author

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Abstract:

This study aims to assess the effectiveness of the construction module in fashion technology training provided for participants of the WorldSkills Malaysia Competition. This module is designed to enhance technical skills in the process of garment and fashion equipment production, as well as to enable participants to master the techniques in pattern making and garment design required in the competition. By focusing on the aspects of high-quality garment construction, this study will analyse how the training provided can help improve participants' performance in facing competitive challenges that require precision in measurements and stitching, creativity in pattern design and garment creation, as well as efficient time management. This study will also focus on several key aspects that can affect the effectiveness of training, including weaknesses in mastering sewing techniques that may be caused by a lack of practical training, insufficient guidance, or ineffective teaching methods. Additionally, this study will examine errors in measurements and pattern designs, such as imbalances between the front and back of garments, as well as confusion between inch and centimetre measurement systems that often affect design accuracy. This research methodology is using quantitative as the primary approach to collect data through 50 respondents' online surveys and measurements, allowing for statistical analysis of the results in SPSS. By identifying these key areas of improvement, this study aims to provide practical recommendations for enhancing the training program and improving overall sewing skills. Finally, this study will examine the misunderstanding of the fabrics used, which can lead to the selection of inappropriate fabrics for certain types of stitching and affect the quality of the produced garments. All these factors will be analysed to determine the extent to which this construction module helps improve and overcome these weaknesses among the competition participants.

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Keywords:

Construction Module, Fashion Design, Sewing Techniques, Design and Pattern, Fabric Characteristic

Introduction

The WorldSkills Malaysia Belia (WSMB) competition is a national-level skills competition organised by the Ministry of Human Resources Malaysia through the Department of Skills Development. (JPK). This competition aims to identify and recognise talented youth in various fields of technical and vocational skills, such as fashion technology, graphic design, web design, and many more. WSMB serves as a platform for Malaysian youth aged 21 and below to showcase their abilities in their respective fields of expertise. In addition to honing their skills, this competition also provides participants with the opportunity to compete internationally through WorldSkills International. Outstanding participants will have the opportunity to represent Malaysia on the world stage, thereby elevating the country's name in the arena of technical and vocational skills (WSMB, 2024). The main objective of WSMB is to foster excellence in education and skills training, enhance the skill levels of youth, and promote participation in Technical and Vocational Education and Training (TVET), in line with the National TVET Policy (TVET Madani, 2024). The main goal of WSMB is to foster excellence in education and skills training, enhance the skill levels of youth, and promote participation in Technical and Vocational Education and Training (TVET), in line with the National TVET Policy. Through the WSMB competition, the Fashion Technology field is one of the skill categories in the WorldSkills Malaysia competition that focuses on creativity and technical skills in the fashion industry. Through the WSMB competition, the Fashion Technology field is one of the skill categories in the WorldSkills Malaysia competition that focuses on creativity and technical skills in the fashion industry. This field aims to recognise talented youth in fashion design, garment production, and fashion technology. In this category, participants will showcase their skills in several key aspects, such as clothing design. They are required to create clothing designs based on a specific theme or requirement. They also need to create patterns and cut the fabric according to the design that has been sketched and then sew the complete and neat garments. In addition to technical skills, their designs will also be evaluated in terms of creativity, aesthetics, and the finishing of the final product. Timeliness and the participants' ability to innovate in producing garments that meet the demands of the fashion industry will also affect the participants' scores.

The module for Fashion Technology consists of four modules, namely module 1 patternmaking and lay. Module 2 is sketching, module 3 is draping, and module 4 is construction. The main focus is on the construction module, which involves pattern making and garment design. For that module, participants will create clothing sketches and pattern designs and then sew the garments based on the provided questions. Each element in the clothing design will be given through a voting process. Based on the given elements, it will test the participants' skills and proficiency in various aspects of garment making as well as the use of fashion technology. Each module is designed to test the technical abilities, creativity, and problem-solving skills of participants in the fashion industry. This module also focuses on the participants' skills in creating accurate clothing patterns. Participants will translate their designs into clothing

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patterns with precise measurements, calculate the fabric usage required, and ensure that the patterns can be used to produce perfect garments. Accuracy in calculations and details is very important in this module. Participants need to cut the fabric according to the produced pattern and sew the complete garment. This module assesses the participants' proficiency in using sewing machines, selecting appropriate sewing techniques, and producing high-quality garments. Additionally, participants will also be assessed based on how they present the finished garments, whether the garments meet the specifications of the question, and align with the fashion industry in terms of aesthetics, finishing, and functionality.

The production of clothing in the construction module includes design, pattern making, measurements, sewing techniques, and the fabrics used according to the established theme. The main aspect that often becomes an issue is the mastery of good sewing techniques for garments. The use of stitching techniques that are not suitable for certain types of fabric or designs can affect the quality and durability of the clothing. Lack of consistency in stitching can cause the garment to appear untidy, with uneven or crooked seams (Johnson, 2023). Additionally, a lack of precision in finishing, such as edge finishing or improper zipper or button placement, can affect the appearance and functionality of the garment. Weakness in understanding and executing more complex and detailed sewing techniques such as pleats, darts, or piping can limit the ability to produce more stylish and professional garments (Brown, 2022). Lack of attention to detail can result in poorly constructed garments that do not meet quality standards. If the technique of measuring and adjusting patterns correctly is not mastered, the produced clothing may not fit the desired body shape or size. It will cause the design to become too loose or tight and not look neat. Understanding pattern design is crucial in tailoring to body shapes or design alterations, as it can result in unsatisfactory final outcomes. Additionally, not understanding how cutting lines and seams in patterns affect the overall design can lead to deficiencies in the appearance and comfort of the clothing (Wong, 2021). Therefore, it is essential for tailors to have a strong grasp of pattern design and cutting techniques to ensure the quality of their work. By mastering these skills, tailors can create well-fitted and visually appealing garments that meet the expectations of their clients. Without in-depth knowledge of fabrics, participants may overlook the aesthetic and functional elements of clothing. This will make their work not meet industry standards (Hoenes, 2023). The importance of understanding various types of fabrics and how they influence clothing design is essential because a lack of understanding of fabric properties such as durability and comfort will lead to unsatisfactory final results (Bliss, 2019). Participants risk producing clothing that is not only less visually appealing but also impractical. Finally, by educating themselves on different fabrics, participants can ensure that their designs not only look good but also meet the needs and expectations of their clients. This knowledge will help them create garments that are both stylish and functional, ultimately enhancing their reputation in the industry.

This objective aims to equip participation with a comprehensive understanding of various sewing techniques essential for garment construction. Mastery of these techniques, such as stitching, hemming, and finishing allows for greater precision and efficiency in creating garments. According to Zainuddin (2020), the integration of diverse sewing techniques not only enhances craftsmanship but also promotes creativity in design. Furthermore, Cahill (2021) highlights that practical experience with these techniques can significantly improve a student's confidence and capability in fabric manipulation and garment assembly. Besides that, the importance of aesthetic considerations in garment construction. Participants will learn to evaluate and apply design principles, such as balance, proportion, and colour theory, to create

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visually appealing garments. As outlined by Jin (2019), understanding aesthetics is crucial for fashion designers as it influences consumer preferences and market trends. Moreover, Reddy (2022) argues that a strong foundation in design principles not only helps participants produce attractive clothing but also prepares them for real-world challenges in the competitive fashion industry. Moreover, it focuses on the critical role that fabric knowledge plays in garment construction. Students will explore different types of fabrics, their properties, and them suitability for various designs and sewing techniques. According to Hoenes (2023), understanding fabric characteristics such as drape, texture, and durability is essential for making informed decisions that impact the overall quality of the garment. Additionally, American Profession Guide (2023) emphasizes that a strong grasp of fabric knowledge allows designers to create garments that not only meet aesthetic goals but also fulfil practical requirements, ensuring the end product is both functional and stylish.

Therefore, this study was limited to those who have a fashion design background, but the findings can still provide valuable insights for other industries. Moreover, the sample is a focus group that consists of both students, educators, and trainers, allowing for a well-rounded perspective on the topic. The TVET agency is the priority for this research and exploration. The results of this study can be used to inform future research and decision-making in the fashion industry. Furthermore, the results of this study can inform future research in related fields. Finally, the findings can contribute to the overall advancement and development of vocational education and training.

Literature Review

Mastery of precise and efficient sewing techniques plays an important role in producing quality sewing products. However, a study by Rahimah and Norliza (2019) shows that many individuals face challenges in mastering both basic and advanced sewing techniques. Weaknesses in mastering these techniques are often caused by factors such as lack of practice, ineffective teaching, and insufficient understanding of the proper use of tools and materials. Therefore, if more interactive teaching methods and individual guidance can help improve mastery of sewing techniques. According to a study by Azlina and Farah (2021), students who often lack a good foundation in hand skills are more likely to face difficulties in hand sewing. Frequent practice and step-by-step guidance are needed to improve basic sewing skills. Therefore, according to Siti Hawa (2020), the main error identified is the imbalance between the front and back parts of the garment. This occurs due to incorrect calculations in pattern design, which can result in imperfect or unbalanced clothing. Confusion in the use of measurement systems (inches to. centimetres) also contributes to errors in pattern preparation, as differences in measurement units can disrupt design accuracy. Additionally, the lack of understanding of how to take measurements and practical training in adjusting individual measurements to the basic pattern also causes difficulties for students in producing suitable and perfect garments. with the presence of demonstration-based training methods and individual guidance, it can improve accuracy in terms of measurements in pattern design. Based on previous studies, it is clear that the selection of unsuitable fabrics is one of the main causes of errors in sewing and garment design. Moreover, according to Farhana's (2021) study, about sixty percent of stitching errors were caused by the mismatch between the fabric and the type of stitching used. This shows the importance of a deep understanding of fabric characteristics, such as durability, elasticity, and thread tension, in producing quality garments. Imperfections in choosing the combination of fabric and stitching can lead to a final result that does not have the best impact. However, knowledge of fabrics is an important element in fashion design and

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pattern making. Misunderstanding or lack of knowledge about fabrics can lead to mistakes in the design process, which in turn affects the quality of the produced garments. To address this issue, fashion education needs to pay more attention to practical exposure to the characteristics of fabrics and the precise techniques in their use. (Muneera & Hassan, 2019). Ultimately, this will help aspiring designers create garments that not only look good but also feel good and stand the test of time in terms of quality and durability. By focusing on fabric knowledge and practical skills, fashion education can better prepare students for success in the industry in the future. This will also ensure that designers are equipped to make informed decisions when selecting materials and constructing garments, ultimately leading to a more sustainable and efficient fashion industry. By emphasizing the importance of fabric characteristics and construction techniques, fashion education can cultivate a new generation of designers who prioritize quality and longevity in their creations.

Research Methodology

Based on the construction of the hypotheses, the following model has been proposed in this study. From the conceptual model in Figure 1, it can be determined that the construction module in fashion technology training for the WSMB competition. These element factors have been treated as independent variables in this study. Thus, the enhancement of sewing techniques, aesthetic and design and understanding fabric is the dependent variable in this study on the effectiveness of this module in competition.

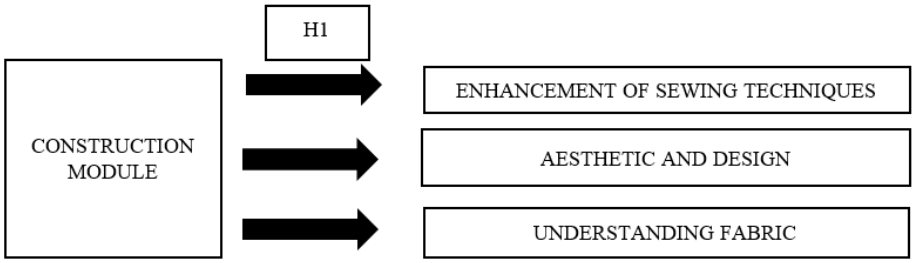

Figure 1: Conceptual Model.

Moreover, quantitative properties study deals with the measurement of any phenomena. This study is quantitative because data is collected through the questionnaire. The sequence of this study is documented in the research design framework as shown in Figure 2. The questionnaires are distributed using a Google form online survey to gather the information to answer the research questions.

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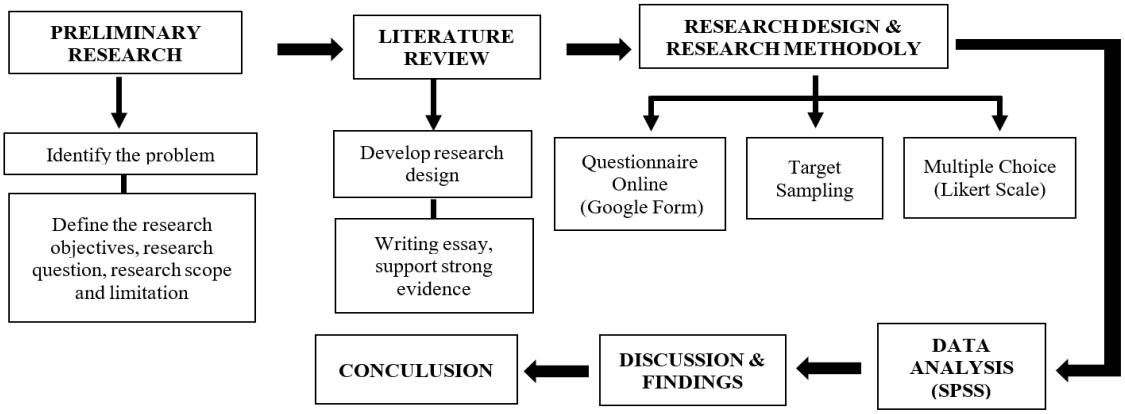

Figure 2: Research Design On The Study.

Discussion And Findings

The researcher employed statistical software known as Statistic Package for Social Science (SPSS) to analyse the data and report the findings of the study. The data analysis is divided into four sections: Section A focusses on demographics; Section B explores the enhancement of sewing techniques; and Section C will examine the aesthetic and design; Section D focuses on understanding fabric in the construction module. The results of the data analysis revealed significant improvements in sewing techniques among participants. Additionally, the findings highlighted a positive correlation between understanding fabric and successful construction in the module.

Frequency distribution tests have been used to analyse the demographic features of data like gender, age (year old), qualification, background of study, and institution. The result of the frequency distribution indicated that most of the respondents are female, showing 86.2 percent. The individuals aged 19–25 years showed the highest overall response rate of 44.8 percent. Respondents who have a diploma level of qualification showed a higher response rate percent, which is 44.8 percent. Meanwhile, the respondents from Kolej Vokasional Muar have a higher response rate of 10.3 percent. The frequency distributions are shown in Table 1.

Table 1: Demographic.

Age					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	19-25	13	44.8	44.8	44.8
	26-30	4	13.8	13.8	58.6
	30-35	1	3.4	3.4	62.1
	35 years old and above	11	37.9	37.9	100.0
	Total	29	100.0	100.0	
Gender					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Female	25	86.2	86.2	86.2
	Male	4	13.8	13.8	100.0
	Total	29	100.0	100.0	
Institution / Agency					
		Frequency	Percent	Valid Percent	Cumulative Percent

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Valid	Baling Community College	1	3.4	3.4	3.4
	Giatmara	1	3.4	3.4	6.9
	Kolej Komuniti Baling	1	3.4	3.4	10.3
	Kolej Komuniti Baling	1	3.4	3.4	13.8
	Kolej Komuniti Batu Gajah	1	3.4	3.4	17.2
	Kolej Komuniti Raub	1	3.4	3.4	20.7
	Kolej Vokasional	2	6.9	6.9	27.6
	Kolej Vokasional	1	3.4	3.4	31.0
	Kolej Vokasional Ert Setapak Kuala Lumpur	1	3.4	3.4	34.5
	Kolej Vokasional Kuala Kangsar	1	3.4	3.4	37.9
	Kolej Vokasional Kuching	1	3.4	3.4	41.4
	Kolej Vokasional Kuching	2	6.9	6.9	48.3
	Kolej Vokasional Matang	1	3.4	3.4	51.7
	Kolej Vokasional Matang	1	3.4	3.4	55.2
	Kolej Vokasional Muar	1	3.4	3.4	58.6
	Kolej Vokasional Muar	3	10.3	10.3	69.0
	Kolej Vokasional Ert Setapak Kuala Lumpur	1	3.4	3.4	72.4
	Kv	1	3.4	3.4	75.9
	Kv Sepang	1	3.4	3.4	79.3
	Politeknik	2	6.9	6.9	86.2
	Politeknik	1	3.4	3.4	89.7
	Politeknik Ibrahim Sultan	1	3.4	3.4	93.1
	Polytechnic	1	3.4	3.4	96.6
	Student	1	3.4	3.4	100.0
	Total	29	100.0	100.0	

Background Study

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	DEGREE	9	31.0	31.0	31.0
	DIPLOMA	13	44.8	44.8	75.9
	MASTER	2	6.9	6.9	82.8
	SKM	3	10.3	10.3	93.1
	SKM, SPM, DIPLOMA, DEGREE	2	6.9	6.9	100.0
	Total	29	100.0	100.0	

The sewing techniques were very important in enhancing the potential of the successful in the competition. While the data provided may show certain trends in respondent demographics, it is important to consider the potential biases in the sample selection that could impact the results. Additionally, the emphasis on sewing techniques alone may overlook other important factors that contribute to success in a competition. The knowledge of sewing techniques and skills is just one aspect of a well-rounded competitor. The frequency of strongly agreed responses in surveys indicates a high level of consensus among competitors with a percentage

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of 79.3. Moreover, the respondents equally agreed in 44.8 percent that use of more advanced materials and equipment in sewing can also give a competitor an edge over others who are using basic supplies. The respondents strongly agreed (44.3 percent) that using new stitching techniques can reduce the time taken to complete tasks in competition. Twenty-five of the respondents strongly agreed (86.2 percent) that continuous practice is needed in improving sewing skills to sustain the use of new stitching techniques and maintain a competitive advantage. The result represented in Table 2 shows the enhancement of sewing techniques over time and the positive impact it can have on staying ahead in the competition.

Table 2: The Enhancement Of Sewing Techniques.

Knowledge of sewing techniques and their uses is very important for improving sewing skills.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	5	17.2	17.2	17.2
	Agree, Strongly Agree	1	3.4	3.4	20.7
	Strongly Agree	23	79.3	79.3	100.0
	Total	29	100.0	100.0	

The use of more suitable sewing tools will help me improve my sewing technique.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	13	44.8	44.8	44.8
	Neutral	3	10.3	10.3	55.2
	Strongly Agree	13	44.8	44.8	100.0
	Total	29	100.0	100.0	

The use of new stitching techniques reduces the time taken to complete tasks.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	10	34.5	34.5	34.5
	Agree, Strongly Agree	2	6.9	6.9	41.4
	Neutral	2	6.9	6.9	48.3
	Neutral, Agree	1	3.4	3.4	51.7
	Strongly Agree	14	48.3	48.3	100.0
	Total	29	100.0	100.0	

Continuous practice is needed to improve sewing technique skills.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	2	6.9	6.9	6.9
	Neutral	1	3.4	3.4	10.3

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	Neutral, Agree	1	3.4	3.4	13.8
	Strongly Agree	25	86.2	86.2	100.0
	Total	29	100.0	100.0	

In terms of aesthetics and designing, the respondents agreed (48.3 percent) and understood that the creation of pattern designs must be according to the specifications of the question and design. Meanwhile, the respondents strongly agreed in 48.3 percent that the combination of design and patterns can create aesthetic appeal, and current trends, while adhering to the specification of the competition questions, can ultimately result in a winning submission. Sixteen respondents agreed that the design of clothing has a good balance between design elements, and the functionality of the garment can be the most important factor in determining the success of a clothing design. Thus, about 55.2 percent strongly agreed that the pattern design is created with precise and appropriate measurements to produce neatly fitting clothing that is comfortable to wear. Table 3 shows the breakdown of responses by the aesthetic and design results.

Table 3: Exploring The Aesthetic And Design In The Construction Module.

Understanding in the creation of pattern designs according to the specifications of the question and design.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	14	48.3	48.3	48.3
	Neutral	3	10.3	10.3	58.6
	Strongly Agree	12	41.4	41.4	100.0
	Total	29	100.0	100.0	

The combination of design and patterns creates aesthetic appeal and current trends while adhering to the specifications of the question.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	13	44.8	44.8	44.8
	Neutral	1	3.4	3.4	48.3
	Neutral, Agree	1	3.4	3.4	51.7
	Strongly Agree	14	48.3	48.3	100.0
	Total	29	100.0	100.0	

The design of clothing has a good balance between design elements and the functionality of the garment.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	16	55.2	55.2	55.2
	Neutral	1	3.4	3.4	58.6
	Strongly Agree	12	41.4	41.4	100.0
	Total	29	100.0	100.0	

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The pattern design is created with precise and appropriate measurements to produce a neatly fitting garment.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	13	44.8	44.8	44.8
	Strongly Agree	16	55.2	55.2	100.0
	Total	29	100.0	100.0	

The understanding of fabric in creating the clothing is the crucial element that will determine the overall quality and durability of the garment. Therefore, it is important for competitors to have a deep knowledge of different types of fabrics and their characteristics to win this competition. The respondents strongly agreed (65.5 percent) that knowledge about the types of fabrics and materials is very important for clothing design to ensure they have the necessary skills to succeed. Sixteen respondents have strongly agreed (55.2 percent) that the competitors must understand the characteristics, such as texture, weight, and durability, of different fabrics in order to create high-quality outcomes of clothing. Respondents strongly agreed (62.1 percent) that the selection of fabrics, colours, and patterns aids in the design and manufacturing process of clothing in garment design. In the end, respondents strongly agreed (55.2 percent) and believed that the understanding of fabric handling and selection of the final finishing for clothing design would be the overall success of the clothing product. This understanding helps to ensure that the clothing product meets the desired quality and aesthetic standards.

Table 4: Determination Of Understanding Of Fabric.

Knowledge about types of fabrics and materials is very important for clothing design.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	7	24.1	24.1	24.1
	Agree, Strongly Agree	1	3.4	3.4	27.6
	Neutral	2	6.9	6.9	34.5
	Strongly Agree	19	65.5	65.5	100.0
	Total	29	100.0	100.0	

Understanding the properties of fabrics, such as texture, weight, and strength, can influence the outcome of clothing design.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	13	44.8	44.8	44.8
	Strongly Agree	16	55.2	55.2	100.0
	Total	29	100.0	100.0	

The selection of fabric, colour and fabric pattern aids in the design and manufacturing process of clothing.

		Frequency	Percent	Valid Percent	Cumulative Percent

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Valid	Agree	10	34.5	34.5	34.5
	Neutral	1	3.4	3.4	37.9
	Strongly Agree	18	62.1	62.1	100.0
	Total	29	100.0	100.0	

Understanding of fabric handling and selection of final finishing for clothing design.

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Agree	10	34.5	34.5	34.5
	Neutral	3	10.3	10.3	44.8
	Strongly Agree	16	55.2	55.2	100.0
	Total	29	100.0	100.0	

In the end, the competitors must enhance the quality of sewing techniques and combine them with new additional sewing skills to stay ahead in the competition. Besides, the competitors have a great understanding and knowledge of aesthetics and good design principles. The success of the clothing product is dependent on the fabric handling and selection of the final finishing. In conclusion, the competitors must constantly strive to improve both their technical skills and creative vision to succeed in the competition.

Conclusion & Recommendation

This study found that training for each module is crucial for enhancing the skills of WSMB participants, particularly in stitching accuracy, creativity, and time management. The main focus of this study is to thoroughly examine the weaknesses among the participants, especially regarding inadequate sewing techniques stemming from insufficient training and guidance from instructors or experts in the field. Additionally, inaccuracies in pattern measurements have been identified as a primary cause of unsatisfactory sewing results. Furthermore, the participants' lack of understanding of various types of fabrics, their properties, and characteristics leads to difficulties in selecting appropriate sewing techniques. Consequently, this study was conducted to assess the extent to which the developed training module can help participants improve these weaknesses and enhance their skill levels and performance in competitions.

The results of the study indicate that knowledge and understanding of sewing techniques are essential for improving sewing skills. A high level of knowledge about various sewing techniques and their functions influences the mastery of these skills among participants. Continuous practice is necessary to refine sewing techniques and produce neat, competent designs. Understanding how to create pattern designs according to the specifications of the task is crucial to achieving aesthetic results that align with current trends. Moreover, the technique for taking measurements is vital for adjusting individual sizes to the designed pattern, ensuring accurate and perfect clothing. Misunderstandings about the fabrics can be addressed with knowledge of the types of fabrics and materials used in clothing design. This knowledge will assist participants in handling fabrics appropriately and selecting the right finishes for their clothing designs.

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To strengthen the success strategy, emphasizing practical training and more structured guidance is important to ensure participants are well-prepared to compete in producing higher quality and more innovative designs. Intensified practical training will allow participants to hone their technical skills while enhancing their creativity and problem-solving abilities. Thus, this approach not only exposes participants to technical aspects but also provides opportunities to develop essential interpersonal and communication skills that are crucial in this industry. More focused, centralized training can be implemented through intensive sessions with experienced competition experts, particularly those who have proven their success in international competitions. Collaborating with participants from foreign countries who frequently win the WorldSkills Competition (WSC) can offer exposure to the latest techniques and diverse perspectives. Additionally, guidance from experienced individuals can help participants understand the actual competition requirements and build their confidence in facing more challenging tasks.

Participants are also encouraged to engage in international competitions such as friendly matches or regional tournaments designed to assess their readiness for higher levels of competition. Participation in these events will provide a clearer picture of participants' strengths and weaknesses within a global context, as well as valuable experience in interacting with competitors from various backgrounds and cultures. The outcomes of these engagements can serve as an objective assessment tool for improving and enhancing future participations, contributing to their success at higher levels. Furthermore, creating a more open platform for discussion and knowledge sharing among participants, experts, and coaches will foster a more inclusive learning ecosystem and support continuous skill development. These initiatives are expected to ensure that participants are not only prepared for competition but also able to compete more robustly and successfully in an increasingly competitive industrial landscape.

With the organization of the WorldSkills Malaysia Belia (WSMB) competition, participants have the opportunity to enhance their skill levels through exposure to challenging real competition situations. This competition allows participants to practice the skills they have acquired while sharpening their agility and precision in each module provided. Additionally, it offers participants the chance to improve the quality of their work, as they receive rubric-based evaluations and feedback from experienced judges. Indirectly, this will help participants achieve a higher level of skill, aligning with the goal of producing a competitive skilled workforce at both national and international levels.

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