

Digital Parenting : Challenges and Roles of Parents in the Era of Society 5.0

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Abstract: *It is important to carry out this research because it is related to the theme of digital parenting, child care carried out by parents, especially in the use of information technology (gadgets/devices). This research uses qualitative methods with literature review techniques with the results of discussing 34 research article publications that are relevant to this research. The research results show the role of parents in The application of digital parenting in the current era of society 5.0 requires extra effort. In terms of implementation digital parenting, not only parents required to be able to understand things about advances in information technology, however on the other hand, parents are also required to serve as a good example in operating the device digital. In the era of Industrial Revolution 5.0, digital parenting faces several unique challenges related to technological advances and social change, continuous technological updates, technology develops quickly and new devices and applications are introduced frequently.*

Keywords: *Digital Parenting, Challenges, Roles and Parents.*

1. BACKGROUND

Digital technology is becoming increasingly important in children's lives. According to the American Academy of Pediatrics, the media tools that children like most are digital media tools. Today, three out of four young people own a smartphone, and 92% access the internet every day. In Turkey, 94% of young people between the ages of 10-17 use the internet via mobile devices and spend around 7.5 hours on the internet and almost 3 hours on social media every day (Ustundag, 2024).

The internet and gadgets /devices do have a positive influence if they can be used properly. However, using the internet and gadgets with high intensity often has a negative impact. Moreover, if today's young generation is unable to filter the information they access, it is possible that they will be carried away by the negative current of technological developments, especially digital devices . Many phenomena related to the negative impacts of gadgets have emerged, one of which is the damage to the eyesight (going cross-eyed) of a child in China due to using a cell phone for 10 hours every day . Exposure to pornographic content is also one of the negative impacts of gadgets that needs to be considered. A phenomenon that occurs in Indonesia, from the results of a survey conducted by the Child Protection Commission and Women (KPAI) . Other findings showed that 97% of elementary school (SD) and junior high school (SMP) age children had seen

pornography. The source of pornography is obtained from social media, advertisements (Ads.) that appear when opening applications, online games, YouTube, searches on Google, and from applications that contain adult content. (Supartiwi et al., 2020).

Parents, especially mothers are the first role models for children who teach them new behavior and skills. Children imitate their parents, which is called social learning and applies to all children. Thanks to social learning skills, children observe and imitate what adults do and ultimately act like them. Likewise, children observe their parents' attitudes and dispositions in using digital media tools and applications and begin to behave like them. There is a correlation between the frequency of use of smartphones and tablet computers by parents and children. In other words, children of parents who use digital media excessively have a great interest in digital media (Ustundag, 2024). Excessive use of gadgets, online games, and social media in children can have an impact on children's gross motor development. The gross motor development of children who are addicted to gadgets tends to slow down due to the child's lack of movement or physical activity (Sisbintari & Setiawati, 2021).

In understanding the needs of children in parenting in the digital era of the industrial revolution 5.0, it is very *necessary* to monitor children's attitudes and behavior in using social media and gadgets because the activities carried out by children with advances in digital technology can cause various impacts and risks in the formation of social character and emotional child. Parents in particular play an important role in being media filters and media controllers of digital technology information and in the development of digital literacy. *Digital parenting* was created to educate parents on how to be wise parents in the digital era by providing an understanding of the positive and negative impacts of gadgets on children. (Pratama et al., 2022).

This research was conducted because the theme of *parenting* and childcare is a theme that has been relatively little *researched* by other researchers in recent years (2000-2023), which is presented in the following table:

Table 1. Number of Publications from 2000-2023 by Theme
Parenting and Child Care

Year	Number of Publications	Percentage	Year	Number of Publications	Percentage
2000	18	2.30%	2012	22	2.81%
2001	21	2.68%	2013	32	4.08%
2002	19	2.42%	2014	27	3.44%
2003	34	4.34%	2015	30	3.83%
2004	27	3.44%	2016	34	4.34%
2005	26	3.32%	2017	37	4.72%
2006	30	3.83%	2018	36	4.59%
2007	18	2.30%	2019	43	5.48%
2008	22	2.81%	2020	61	7.78%
2009	18	2.30%	2021	61	7.78%
2010	16	2.04%	2022	67	8.55%
2011	15	1.91%	2023	70	8.93%

Source :(Handayani, 2024)

Based on the article search process from 2000 to 2023, the lowest number of article publications occurred in 2011, namely 15 articles; On the other hand, the most articles published in 2023 are 70 articles. The results of the relationship between research themes related to parenting and child care can be seen from the VOS Viewer visualization as follows:

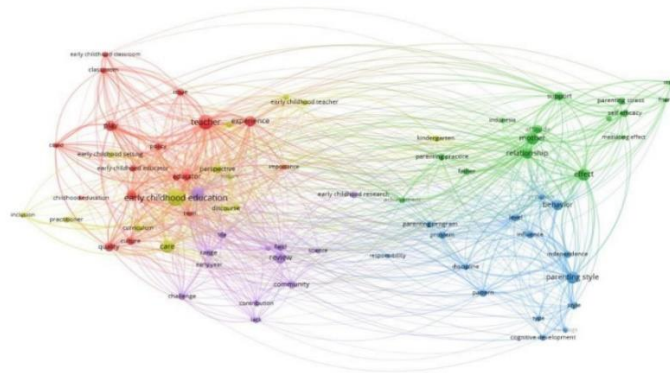


Figure 1 . Vos Viewer visualization with the theme of Parenting and Child Care

Source :(Handayani, 2024)

2. THEORETICAL STUDY

Definition of *Digital Parenting*

Digital parenting is defined as parents' efforts to supervise , limit and provide assistance to children's behavior in using gadgets. The process of monitoring, limiting and assisting is carried out to prevent the negative impact of gadget use on children and tends to optimize the positive impact obtained from gadgets. (Sisbintari & Setiawati, 2021).

According to (Rodhiya, 2020), *digital parenting* is digital parenting that provides clear boundaries to children about what they can and cannot do when using digital devices.

Digital parenting or digital parenting is giving clear boundaries to children about things they can and cannot do when using digital devices. Efforts that parents must make towards their children in digital parenting are to increase and update their knowledge about the internet and gadgets. *Digital parenting* is a parenting strategy regarding the rules for using digital devices both online and offline to protect children's safety from the threat of their use (Stevanus & Anindyta, 2022).

***Digital Parenting* and the Industrial Revolution Era 5.0**

Digital parenting is an effort education or upbringing used to introduce the world of digital natives to parents, as well as giving lessons for them to be able to do prepare children to face technological development. Digital parenting involves the role of parents in accompanying children to facing the digital era. Therefore, parents need to have the skills not to fooled by the sophistication of the times This. These skills can be in the form of methods communicate with children, ways protect children's devices, how to make agreements with children and so on (Khaerunnisa et al., 2021).

3. RESEARCH METHODS

This research study uses qualitative methods with literature techniques e review, by collecting 34 published research or research journals . The data sources obtained include qualitative data through the process of selecting and simplifying the data which is presented in descriptive narrative form and then conclusions are drawn gradually by considering the type of data obtained.

4. RESULTS AND DISCUSSION

Literature Summary Results

From previous collecting research carried out, it was found that 34 published articles were relevant to this research theme which can be summarized as follows:

Table 2 Summary of Journal Publications Related to the Themes of Roles, Challenges and Implementation
Digital Parenting for Children

No.	Researcher's name and year	Data Analysis Methods	Research Results
1.	(Warni & Purwono, 2019)	<i>Descriptive analysis</i>	A suitable parenting model is applied Parents in the era of industrial revolution 4.0 are moderate (democratic) and authoritarian models. Another thing that found in this research is that gadgets have a positive impact if they are used properly That's right, it can even be a means of quality communication and interaction within the family. Prohibiting children from using gadgets will actually make children curious and steal time without parental supervision. Parents must set an example for children in using it gadgets by paying attention to time and needs through instilling discipline starting from parents and then apply it to their children. Provide alternative activities fun for children so as to minimize the use of gadgets, such as involving children in sports performance.
2.	(Banić & Orehovački, 2024)	<i>Systematic literature review</i>	Active mediation strategies, which involve positive interactions and discussions about online content, gaining recognition along the way with the restrictive mediation approach that is commonly used. Parents proactively ban certain internet content, emphasizing safety and privacy worries. In addition, the emergence of parental computer literacy as an important factor influencing their children Children's online safety underscores the importance of digital literacy. By explaining contemporary landscape of parental mediation, this research contributes to a deeper understanding how parents navigate their children's internet experiences and the challenges they face in ensuring this responsible and safe online engagement. The implications of these findings provide valuable insights for practitioners and researchers, emphasizes the need for active involvement of parents and the importance of improving parents' digital proficiency. Although there are limitations due to language and methodological heterogeneity among the included studies, this study paves the way for the future an investigation into digital parenting practices.

3.	(Sisbintari & Setiawati, 2021)	<i>Descriptive analysis</i>	The role of parents in implementing digital parenting during the Covid-19 pandemic as an effort to prevent gadget addiction early childhood is time management using gadgets, accompanying children when using gadgets, using the YouTube Kids application, monitoring browsing activity used, not introducing games to children, and implementing screen time. Digital Parenting is one method that can be used as an effort to prevent gadget addiction in early childhood.
4.	(Ririen et al., 2023)	<i>Descriptive analysis</i>	Digital can improve parenting parents' knowledge about parenting in the digital era and parents' search skills information about digital parenting increase. Increased knowledge can be seen from the average pretest results of 58.2 rose to 75.
5.	(Afriwilda & Kunwijaya, 2022)	<i>Literature review</i>	The digital era has both positive and negative impacts. As a step so that children do not experience negative impacts from the development of this technology, Parents as the closest people must be able to implement appropriate parenting strategies digital era. There are several strategies that parents can apply in education early childhood in the digital era which will be discussed in this article. The parents hope can implement these strategies in order to minimize the negative impacts of use of digital media.
6.	(Supartiwi et al., 2020)	<i>Literature review</i>	Study of the stages of parental care in the use of digital media based on developmental theory models and several strategies that parents can use to accompany their children in surfing the internet.
7.	(Maulida et al., 2022)	<i>Descriptive analysis</i>	Digital implementation parenting by increasing parents' insight into gadgets and the internet, limiting time for using gadgets, providing an understanding of the negative impacts if the gadget is not used wisely, and there is open communication between parents with children. Digital parenting strategies carried out by guardians students, which consists of seven strategies such as accompanying children to access gadgets, selecting content, understanding information, analyzing content, verifying media digital, evaluating media content, and distributing media content, (3) existence the implications of digital parenting strategies in the form of positive and negative implications, as well solution carried out.
8.	(Cooper et al., 2024)	<i>mixed methods (qualitative and quantitative analysis)</i>	Overall, 208 parents were recruited at baseline December 2023: 151 (72.6%) primary caregiver and 57 (27.4%) secondary caregiver. In January 2024, of 208 parents, 168 (80.8%) were enrolled in the program, which was completed in 2024. February. Post-intervention data collection was completed in March 2024. Findings will be reported in the second half of 2024.
9.	(Yulianti & Nafi', 2023)	<i>Descriptive analysis</i>	The role of digital parenting in children's moral development is that children are more disciplined, able to control themselves and their own will, easily adapt to other people, confident in expressing opinions and telling stories,

			responsible for the rules that have been set, honest in saying what they do when using gadgets. and demonstrate independent behavior.
10.	(Triyanto , 2020)	<i>Qualitative analysis with a naturalistic approach</i>	Digital era provide positive opportunities for the implementation of character education. Our challenge is how to teach students to navigate ethics in the digital age. Some of the challenges are must be faced in character education in the digital era including balance, safety and security, cyber bullying, sexting, copyright and plagiarism. Para Education policy makers need to play an active role in sustainable development digital character learning to ensure the implementation of digital learning effective.
11.	(Stevanus & Anindyta , 2022)	<i>Quantitative analysis</i>	A total of 71 parents with a percentage of 54% have the level is currently scoring the role of digital parenting towards students and this number is greater when compared with the number of low-level students, namely 34 parents with a percentage of 26% and high-rise students totaling 27 parents with a percentage of 20%. Challenge for Maximizing children's potential becomes increasingly difficult when children enter the digital era. The digital era offers various new opportunities to develop oneself, but also harbor threats. Therefore Therefore, it is important for parents to develop a parenting model that aims to prevent children from threats and maximizing digital potential through digital parenting.
12.	(Paguirigan & Paguirigan, 2022)	<i>Qualitative analysis with a hermeneutical approach</i>	The participants identify problems in the discipline, academic, health and social aspects of children. Different parenting styles styles used by the participants but varied depending on the age of their children. Participant also highlights how they manage children's bad behavior using digital technology. They set up the house rules such as providing screen time, rewards and punishments, watching together, and open communication.
13.	(Paguirigan & Paguirigan, 2022)	<i>Descriptive analysis</i>	Useful strategies for parents in encouraging appropriate and safe use of technology, namely: a) adhering to recognized eternal values (e.g. respect, honesty, hard work) before the digital era, b) using technology in activities participatory (e.g. storytelling), c) establishing technology contracts family, d) active monitoring of digital content and time its use, and e) become a role model in its use technology, whose ultimate goal is to provide information to parents who are confident in using the device technology with children, without sacrificing physical activity, real life exploration, and personal interactions.
14.	(Rodhiya , 2020)	<i>Descriptive analysis</i>	parenting positively influences children's well-being child. Techno parenting strategies carried out by parents through interaction with children are communicative, intensive and full of openness in terms of use and utilization of existing information technology by making technological progress as a means of positive children's education. The role of parents

			applied in children's digital world, as follows: Parent-child relationships, control children's digital behavior, respecting children's digital access to individuality, modeling appropriate behavior of parents, protection of children's digital. Understanding what children do online is very important to their welfare and for the welfare of their families in the digital era. Parent have a role in the technoparenting process. People should not only consider the risks but positive opportunities of implementing digital technology in family. Parents who are smart and able to keep up with the times Using technology for children's education is Smart Parenting, with access smart materials to provide children with digital care. As per integration Digital literacy education can help children acquire these skills needed for the development of children's potential and future careers.
15.	(Baharun & Finori, 2019)	<i>Literature review</i>	One alternative The approach to educating children in this era of digital technology is smart techno parenting. This educational approach confirms the importance of: 1) Collaborating with technological advances children's education, 2) Information technology literacy, 3) Limiting time to use digital technology products, 4) Optimization of activities positive, 5) Selective in choosing media for children, 6) Monitoring environment, both in cyberspace and beyond.
16.	(Qadafi & Sosani, 2023)	<i>Descriptive analysis</i>	The survey results on participant satisfaction with this service activity showed very good results positive. The participants felt that this activity was very appropriate to current parenting needs and the resource persons are experts who are very competent in their respective fields. Therefore, the participants felt very lucky to be able to get this material This is very good, then they are committed to continuing the information obtained through implementing parenting activities in each school so that parents and teachers others also get the same information.
17.	(Aslan, 2019)	<i>Literature review</i>	Parenting parents who initially experience differences from other parents, who only implementing authoritarian, permissive, democratic types of parenting, has experienced success in educate children, but in the digital era, these three parenting styles will not work, if you don't synchronize according to the time of the situation and conditions in terms of raising children
18.	(Amaral et al., 2024)	<i>Quantitative analysis</i>	Using a individual-level trial, we found that the intervention increased stress and anxiety and decreased levels of caregiver–child interactions among male caregivers. In contrast, among female caregivers, we did not detect any changes mental health and observed a decrease in the use of physical violence against children. We also found the family the structure and level of economic hardship greatly reduces the impact of interventions, in particular among male caregivers. Our findings suggest that universal digital

			parenting interventions may not be successful all caregivers effectively, emphasizing the need for thorough evaluation before extensive implementation
19.	(Kavitha et al., 2022)	<i>Quantitative analysis</i>	The competence of mothers in experimental research shows that digital parenting programs influence mothers' competence in caring for their children.
20.	(Hutapea, 2022)	<i>mixed methods (qualitative and quantitative analysis)</i>	From the evaluation results Quantitatively and qualitatively following the quasi-experimentation model, skills were found to increase digital parenting for parents and also better parent-child relationships. In other words, support and parental guidance to children through digital parenting skills is strengthened and tension is reduced in parent-child relationships as another positive impact.
21.	(Suriadi, 2023)	<i>Descriptive analysis</i>	Implement digital parenting by providing boundaries using smartphones, giving punishment, prohibiting bad activities on social media, digital parenting steps by providing a time limit for use smartphone is used during study hours and prayer hours, providing punishment if the child does not obey the rules such as posting as well open inappropriate sites then parents will not buying another quota and confiscating the child's personal smartphone, giving advice, supporting factors include providing advice to children, limiting the hours children use smartphones, while the inhibiting factors include not all parents mastering technology, parents' limited time in educating children due to work, environmental factors .
22.	(Pratama et al., 2022)	<i>Descriptive analysis</i>	Understanding children's potential and development; assisting children's learning process with digital media as an educational tool; able to recognize the impact of digital media; able to control usage digital media.
23.	(Ustunda g, 2024)	<i>Quantitative analysis</i>	The level of awareness of mothers in raising children digitally is relatively high. Apart from that, no Significant differences were found in digital parental awareness based on child's gender, prior knowledge about digital media, and the number of children the mother has. Also found is the digital level Neglect of mothers aged 46-50 years is high, mothers living in Cankaya have a high level be a negative model, and mothers living in Keciören have a high level of use efficiency digital tools. Mothers whose children attend elementary school are negative models, and that with undergraduate and graduate degrees had high levels of negative models.
24.	(Banić & Orehovački, 2024)	<i>Literature review</i>	Parents proactively ban certain internet content, emphasizing safety and privacy worries. In addition, the emergence of parental computer literacy as an important factor influencing their children Children's online safety underscores the importance of digital literacy. By explaining contemporary landscape of parental mediation, this research contributes to a deeper understanding how parents navigate their children's internet experiences and the challenges they

			face in ensuring this responsible and safe online engagement. The implications of these findings provide valuable insights for practitioners and researchers, emphasizes the need for active involvement of parents and the importance of improving parents' digital proficiency. Although there are limitations due to language and methodological heterogeneity among the included studies, this study paves the way for the future an investigation into digital parenting practices .
25.	(Modecki et al., 2022)	<i>Descriptive analysis</i>	Previously popular survey measurement areas decreasing relevance to nurturing digital spaces (e.g., shared use, hovering). Existing areas neglected, including consideration of the positive use of digital technology, recognition of two-way influences, and attention to heterogeneity among families and social ecologies beyond parents in providing support and monitoring. Recommendations for the future of digital parenting research and propose a more comprehensive approach measuring how modern teenagers are raised.
26.	(Njiru & Odundo, 2023)	<i>Quantitative analysis</i>	Existing opportunities and challenges by the digital era together have a significant impact about childcare. Before It is recommended that parents have a routine keep track of all the activities carried out by them children as they explore online system using their phone. There is need to limit access to critical children content and information available online via internet services. Parents in Kenyans must stay close to their children and providing education on relevant networks sites and which ones are irrelevant they have to access. Kenyan parents have to do it optimize the power of digital devices such as televisions and smartphones to support it children's educational and learning activities and thereby enhance their creativity.
27.	(Hudiana , 2023)	<i>Descriptive analysis</i>	Digital parenting involves roles parents in understanding, exploring, and managing the far-reaching influences of digital technology in their children. In the perspective of social change theory functionalism proposed by Ogburn, technological progress is a factor The main role in social changes that result in cultural backwardness. In In the context of digital parenting, the concept of cultural lag becomes clearer as children become more adept at mastering digital technology than their parents. Apart from that, digital parenting is a strategic response to the flow of globalization the result of scientific thinking within the framework of modernization theory, which is realized, understood and implemented through good and structured education and teaching scientific thinking as one of the requirements for being a modern human according to theory modernity.
28.	(Aseptiana et al., 2022)	<i>Descriptive analysis</i>	The implementation of parenting patterns must be accompanied by several functions The family includes: biological function, educational function, religious function,

			protection function, socialization function, affection function, function economic, creative function and family status function. Apart from that, way parenting in the family must be adjusted to the stage child development. Related to internal parenting problems This family is a big task for all parents because of the times This causes a lot of conflict and a lack of sympathy and empathy for children in relationships caused by parenting patterns in the family. By Therefore parents should adapt by adjusting parenting patterns with technological developments that occur.
29	(Khaerunisa et al., 2021)	<i>Literature review</i>	Digital parenting is still not a concern in society. Many parents are still confused about the best parenting style for their children in this digital era. Low knowledge about Digital parenting causes several losses to children's development. Although on the other hand there are several benefits of digital technology on the child's own development. The need for a digital parenting role regarding giving digital technology towards children, teaching and guidance to children, and people's ways parents so they can balance the digital world and the real world so that children can optimize potential and stay away from threats from current digital technology.
30.	(Lasurital et al., 2022)	<i>Descriptive analysis</i>	Technological developments in the era of society 5.0 require all parents and families have mobile devices at home. When mobile device being in a family or being used by parents, there are various things that are necessary be prepared to face it so that you can live with technology every day. Therefore, the role of parents in early childhood education in the era of society is very important needed to help and limit children in using these mobile devices. Technological developments in the era of society 5.0 require parents and families to be capable has an impact on children, so that they can follow and be able to use sophisticated technology as best as possible. Because parents should be internal supervisors and guides families seriously to communicate and explain technology in accordance with the child's needs.
31	(Mude, 2020)	<i>Descriptive analysis</i>	The person who is first and foremost responsible responsibility (parenting) for the survival and education of children are parents. The family environment must provide a full role towards the development of his family to provide a system comprehensive and continuous education. Parent (parent) must provide both biological and physical needs psycholosis for their children, and educate and guide them in religious spiritual life so that children become strong and capable live in the midst of society. There are still parents who only understand only part of the responsibilities of raising children in the family. Therefore, it is very important for parents to understand and have the right principles or ways to educate and guide and raise children in family in the midst of a Generational Information Technology society 5.0

			which is "real time access" in operating electronic transactions with high speed and accuracy.
32	(Muslim & Ramkita, 2022)	<i>Descriptive analysis</i>	Families with backgrounds as partners of laborers and employees experience this Limited time to implement digital parenting, this factor is caused by their busy work. In this study, parents at least played their role by means of supervision, limitation or control and assistance. Apart from that there are several The factors behind the development of online resilience in children are: implementing a democratic parenting style, facilitating children's needs, and building interactive communication and a comfortable family atmosphere, so that children will have their own personality who is independent, brave and responsible.
33	(Simoran gkir, 2021)	<i>Descriptive analysis</i>	In development technology in the era of society 5.0, in the family, especially both parents has an important role in balancing technological progress digital with the function and role of children in the family itself. Goals The services contained in family counseling guidance are: help each individual in the family learn to communicate well and can respect each other. Bring up restore the inner or emotional ties between individuals in the inner family mutual dynamics.
34	(Aisyah Nur'Aini & Minsih, 2022)	<i>Descriptive analysis</i>	There is influence digital parenting patterns on children's behavior. Part Most digital parenting patterns have been implemented, starting from supervision, restrictions, giving feedback, and positive assessment parents towards digital devices. Children's behavior shows a positive impact after implementing digital parenting. So it can be concluded that it turns out digital parenting influence on children's behavior .

Source: Several research articles, 2024

Discussion

a. The Role of *Digital Parenting* in Children

Digital implementation parenting includes: implementing rules and agreement related to gadget use, guide and accompany children, using parental controls, and balance children's digital world with the real world; own that role Very good at logical thinking child includes: as education at the same time entertainment for children; stimulate thinking logical; control, guide child and in an attempt to avoid addicted gadgets (Khaerunnisa et al., 2021).

The role of parents in *digital parenting concept* according to (Sisbintari & Setiawati, 2021), among others:

- 1) Limit children's use of gadgets and other digital media
- 2) Encourage children to do other motor activities
- 3) Choose media or broadcasts that are appropriate and safe for children
- 4) Monitoring children's cyber environment
- 5) Accompany and monitor children's activities in accessing and using social media
- 6) Demonstrate a good and positive role model using social media, as well
- 7) Advisor, assessor, counselor, demonstrator, friend, facilitator, fact finder, source of knowledge, mentor, motivator, role model, supporter for young children using social media.

Whereas (Novitasari & Khotimah, 2016) stated that forms of parental assistance regarding the use of gadgets in children today include :

- 1) Choose content that is appropriate to the child's age
- 2) Be selective in choosing game applications on your gadget
- 3) Accompany children in playing
- 4) Limit children's gadget playing time
- 5) Invite children to do positive activities

The role of parents in the application of digital parenting in the current era of society 5.0 requires extra effort in growing online resilience in children. Current generation This is referred to as the digital generation or usually called digital natives (DNs). where they are the generation since born already in the middle developments in digital technology such as today, the digital native picture currently can be seen from attendance Generation Z and Alpha. In terms of implementation digital parenting, not only parents required to be able to understand things about advances in information technology, however On the other hand, parents are also required to serve as a good example in operating the device digital . The roles played in this *digital parenting process* are the role of supervision, the role of limitation/control and the role of mentoring (Muslim & Ramkita, 2022).

The role or application of *digital parenting* for children is (Modecki et al., 2022)by carrying out the following steps :

- 1) Restrictions on gadget use and setting rules.

Restrictions and rule setting also includes various methods for limiting use of technology, including use of technology by locking features or set time limits, physically put gadgets away at important times. For example, parents make a statement to children that "when doing homework, don't want gadgets nearby in order

to divert the child's attention to gadgets. Parents need to prevent their children from using gadgets with various non-technological activities (e.g. sports) or hobbies (e.g. music) so that children will move on to other activities. This “time balancing” approach, as described What one parent meant was "always looking for children's activities through excessive use of gadgets.

2) Monitoring of Children

Parents need to actively monitor their children's activities on an ongoing basis befriending them on social media or social media “stalking”, so teenagers are under almost constant supervision in connection with their social networking profile (or at least the profile is known to parents).

3) Parental Communication and Support

Positive and open communication from parents regarding use of technology (gadgets, online games, social media) by children. Parents encourage self-disclosure, showing warmth and openness in their relationship allows teenagers to share issues that arise related to gadget use.

4) Negotiations and Boundaries on Children

Parents need to negotiate with children regarding parental rules regarding restrictions on the use of technology and gadgets, which are carried out repeatedly or need to be negotiated or the rules changed.

5) Social ecological support

Parents need to negotiate with children regarding parental rules regarding restrictions on the use of technology and gadgets, which are carried out repeatedly or need to be negotiated or the rules changed. Importance family members, friends, and the school system in enforcing and sometimes sets digital rules on children. In the ecological concept, parents explain to families to monitor children on social media, such as the role of older siblings in helping monitor technology used at home and gives parents peace of mind regarding their sibling's digital identity.

6) Parents Give Children Understanding of the Positive Impact of Technology

The role of parents is to provide children with an understanding of the positive potential of technology in connection with the development of social skills and as a gateway to the future for children's future career opportunities based on the use of technology or gadgets.

b. Digital Parenting *Challenges* for Children

With technological changes occurring in the era of the industrial revolution 5.0 which focuses on the continuation of the digital era, the role of parenting is not only concerned with educational patterns, but there are challenges due to the increasingly rapid development of digital technology. In the era of Industrial Revolution 5.0, digital parenting faces several unique challenges related to technological advances and social change. Continuous Technology Updates : Technology evolves quickly, and new devices and applications are introduced frequently. Parents need to keep their knowledge updated about the latest technology and how it affects their children. Children may not be fully aware of how to set their privacy on social media platforms and other apps, so parents need to help them understand their privacy settings and their impact. Ensuring children have a balance between time spent in front of screens and other physical and social activities can be a challenge. Parents should monitor and filter the content their children access to ensure that they are not exposed to inappropriate or harmful material. Ensure children understand their social responsibilities in the digital world, such as not spreading false information and not engaging in cyberbullying behavior. Social media can affect children's self-esteem and mental health. Parents need to help children overcome social pressures and develop positive attitudes towards themselves and others. Ensuring that children have healthy social interactions and do not rely solely on digital interactions is an important challenge (Aslan, 2019).

In this era of society 5.0 , parents have big challenge in parenting his children, as we know digital media users don't bat an eye ages from children to adults. Lots parent in the era of society 5.0 , it is difficult to find the best way raising children. On the one hand, use digital technologies such as the internet and video Games in the family are inevitable again, but on the other hand, children parents can experience impact negative of digital technology . Challenge For maximize children's potential the more heavy as we enter the era digital. Kids will increasingly frequent and obsessed with various digital technologies now if parents find it easier to provide permission, freeing up the child's authority within use gadgets, and levels low parental knowledge. By behavior *digital parenting* is actually becoming a thing potential as prevention against various threats from impacts bad from the development of the digital world (Khaerunnisa et al., 2021)

5. CONCLUSION

Several conclusions from this literature review research include: (1) The role of parents in The application of digital parenting in the current era of society 5.0 requires extra effort. In terms of implementation digital parenting, not only parents required to be able to understand things about advances in information technology, however On the other hand, parents are also required to serve as a good example in operating the device digital . The role of *digital parenting* for children is (Modecki et al., 2022)by taking the following steps : limiting the use of gadgets and setting rules, parental monitoring of children, communication and support from parents, negotiation and restrictions between parents and children, social ecological support and parents giving children an understanding of the positive impact of technology. (2) In the era of Industrial Revolution 5.0, digital parenting faces several unique challenges related to technological advances and social change , continuous technological updates , technology develops quickly and new devices and applications are introduced frequently.

SUGGESTION

Future research needs to test with quantitative analysis related to effective and appropriate digital parenting for children. Apart from that, it is also recommended that future research use methods other than literature reviews, including descriptive analysis using interview or survey methods, thereby providing a deeper understanding of the potential, opportunities, trends and challenges faced by parents in raising children in the era of society 5.0.

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