

Digital Andragogy and Spiritual Maturity: A Contextual Interpretation of Ephesians 4:11–13 in Contemporary Church Education

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Abstract: The rapid growth of digital technology has reshaped contemporary church education, enabling wider access to theological resources while also generating challenges such as fragmented attention, weakened relational depth, and theological inconsistency. These conditions indicate the need for an integrative educational approach that unites theology, pedagogy, and digital engagement. This study aims to analyze digital andragogy as a transformative framework for strengthening spiritual formation in contemporary church education through the integration of Pauline theology, adult learning theory, and dialogical pedagogy. The study employs a qualitative library research method by analyzing biblical texts, theological literature, and scholarly works on adult education and transformative learning. Data were examined using interpretative and thematic analysis. The findings reveal that Ephesians 4:11–13 emphasizes spiritual maturity (*teleios*) and equipping (*katartismos*) as the core of church education, supported by andragogical, transformative, and dialogical learning theories. However, digitalization alone is insufficient without theological depth and communal engagement. In conclusion, digital andragogy provides a comprehensive framework for holistic spiritual formation in church education, fostering mature believers capable of discernment, ethical responsibility, and active participation in faith communities.

Keywords: digital andragogy; education; spiritual formation; pauline theology; transformative learning

INTRODUCTION

The rapid development of digital technology has significantly reshaped patterns of communication, learning, and spiritual formation within contemporary churches. Adult congregants increasingly participate in Christian education through digital platforms such as livestream worship services, online Bible studies, podcasts, social media devotionals, and virtual discipleship communities. This transformation accelerated substantially after the COVID-19 pandemic, which compelled churches worldwide to integrate digital technology into educational and pastoral ministries. As a result, digital platforms have become central instruments for sustaining congregational engagement and theological learning in contemporary ecclesiastical contexts.

Despite these advancements, many churches continue to employ conventional teacher-centered educational approaches within digital environments. Educational activities are frequently limited to the transfer of doctrinal information through one-directional communication, while congregants remain passive recipients of knowledge.(Istapawati, 2022) Such practices often fail to facilitate reflective engagement, collaborative interaction, and transformative spiritual growth among adult learners. Consequently, the integration of technology into church education has not always been accompanied by meaningful pedagogical transformation. This condition reveals a significant gap between technological innovation and the educational needs of adult congregants in the digital era.

The issue becomes increasingly critical when examined from the perspective of adult learning characteristics. Adult learners generally possess extensive life experiences, self-directed learning orientations, and contextual spiritual needs shaped by family, vocational, social, and ecclesiastical responsibilities.(Mbennah, 2016) Therefore, adult congregants require participatory and reflective educational models that connect theological understanding with lived experiences rather than merely emphasizing doctrinal transmission. In this regard, Ephesians 4:11–13 provides an important theological foundation for church education, particularly through its emphasis on equipping believers toward spiritual maturity and active participation in the body of Christ.(Agiana Her Visnu Ditakristi, 2024) The Pauline concept of equipping reflects a continuous formative process that aligns with transformative adult learning principles within contemporary church ministry.(Hassan, 2020, p. 46) Therefore, Ephesians 4:11–13 not only emphasizes spiritual maturation within the church community but also demonstrates that Christian education functions as a transformative and ongoing discipleship process that empowers believers for meaningful ministry participation.

The primary theoretical framework of this study is based on the theory of andragogy developed by Malcolm Knowles. Knowles argues that adults differ fundamentally from children in terms of motivation, learning orientation, and educational needs.(Hartree, 2003, p. 240) Adult learners tend to value autonomy, experiential learning, practical relevance, and problem-centered educational processes. The principles of andragogy, including self-concept, experiential engagement, readiness to learn, and intrinsic motivation, are highly relevant to church education because most participants in ecclesiastical learning communities are adults seeking contextual and meaningful spiritual formation.

This study is supported by transformative learning theory, which emphasizes critical reflection as a process of examining assumptions, reinterpreting experiences, and transforming perspectives.(Holdo, 2023) This approach enables individuals to integrate new understandings with existing experiences and develop more critical perspectives on personal and social realities. In church education, transformative learning provides a framework for connecting theological knowledge with lived experiences and spiritual formation. Furthermore, Paulo Freire's dialogical educational perspective highlights the importance of dialogue, participation, and collaborative engagement in developing critical consciousness and meaningful learning.(Luft, 2021) These theoretical perspectives provide a conceptual foundation for digital andragogy in contemporary church education, particularly in designing learning experiences that encourage critical reflection, theological dialogue, and continuous spiritual growth.

Previous studies have examined digital discipleship, technology integration in Christian education, and ministry leadership in the digital era. Dunlow investigates how churches used digital technologies to support adult discipleship during the COVID-19 pandemic,(Dunlow, n.d.) highlighting opportunities and challenges in maintaining meaningful spiritual formation through digital platforms. Apriyanti, Rantung, and Naibaho discuss the opportunities and challenges of integrating technology into Christian Religious Education, emphasizing the importance of digital literacy, ethical responsibility, and meaningful educational relationships. These studies provide a foundation for understanding digital transformation in church ministry and Christian education. However, the relationship between digital andragogy and adult spiritual maturity through a contextual exegesis of Ephesians 4:11–13 remains insufficiently explored in the selected literature. Therefore, this study seeks to integrate adult learning principles, including participation, critical reflection, and theological dialogue, with the biblical emphasis on equipping believers and attaining spiritual maturity. Its contribution lies in developing a theological and pedagogical framework for understanding how digital learning can support the spiritual formation of adult believers in contemporary church education.

Although discussions on digital ministry, Christian education, and adult learning have grown significantly, few studies have specifically examined digital andragogy as a framework for fostering spiritual maturity based on Ephesians 4:11–13. Existing research often treats technology merely as a communication tool rather than as a transformative educational environment grounded in theology and adult learning principles. Therefore, the novelty of this study lies in integrating digital andragogy, spiritual maturity, and the Pauline concept of equipping believers into a contextual framework for contemporary church education.

METHOD

This study employed a qualitative design using a library research approach(Prof. Dr. Sugiyono, 2019, pp. 34–37) to examine digital andragogy in contemporary church education and its implications for adult spiritual maturity based on Ephesians 4:11–13. The qualitative approach was selected because it facilitates a comprehensive exploration of theological perspectives, adult learning theories, and educational phenomena within digital church contexts. The data sources consisted of scholarly books, peer-reviewed journal articles, theological publications, and academic studies related to andragogy, transformative learning, digital education, Christian religious education, and Pauline theology. The study focused particularly on literature discussing adult learning characteristics, participatory educational practices, digital transformation in ministry, and spiritual formation in church education. Data analysis was conducted using descriptive-analytical methods through the processes of data reduction, thematic classification, interpretation, and theoretical synthesis. The researcher identified and analyzed major themes concerning digital andragogy, participatory learning, transformative spiritual formation, and the Pauline concept of equipping believers toward maturity in Christ. In addition, comparative analysis was applied to examine the relationship between previous studies, theoretical frameworks, and contemporary challenges in digital church education. The interpretation of Ephesians 4:11–13 was integrated to provide a biblical-theological foundation for constructing a contextual framework of digital andragogy within contemporary church education.

RESULTS AND DISCUSSION

Exegetical Foundation of Ephesians 4:11–13 in Church Education

Ephesians 4:11–13 establishes a theological framework emphasizing transformative educational ministry within contemporary Christian ecclesiastical communities today. The passage explains Christ appointed apostles, prophets, evangelists, pastors, and teachers for equipping believers comprehensively. Pauline theology presents ecclesiastical leadership primarily as formative ministry rather than institutional administrative authority exclusively today. (Lukas Kadimin, Timotius Sukarna, Suharto, 2024) Consequently, Christian education functions intentionally toward developing mature believers capable of active ministry participation responsibly. Recent theological scholarship highlights Ephesians presents discipleship-oriented education strengthening congregational maturity and communal spiritual formation.

The Greek term *katartismos* in verse twelve refers comprehensively toward preparation, restoration, and spiritual developmental completion processes. Exegetically, the concept describes intentional formation preparing believers toward effective participation within ecclesiastical communal ministry contexts. (Baskoro & Anggiriati, 2021) Pauline theology consequently emphasizes transformative spiritual development instead passive reception regarding theological instruction within congregational learning. This interpretation challenges conventional educational approaches emphasizing doctrinal consumption without meaningful discipleship participation among congregants today. Contemporary scholarship confirms ministry responsibility belongs collectively toward congregational communities rather than institutional leadership exclusively today. Therefore, church education should cultivate participatory discipleship practices encouraging collaborative spiritual engagement and communal accountability consistently. Verse thirteen introduces spiritual maturity through *teleios*, describing completeness, fullness, and holistic spiritual developmental transformation comprehensively. Pauline theology therefore emphasizes maturity extending beyond intellectual understanding toward ethical integrity and relational unity collectively. Spiritual formation consequently encompasses theological understanding, Christ-centered identity, communal responsibility, and reflective discernment within ecclesiastical communities. (Kurniadi, 2023) This interpretation demonstrates Christian education should facilitate holistic transformation instead cognitive doctrinal achievement exclusively among believers. Recent exegetical studies similarly argue maturity connects theological identity directly toward practical ethical Christian living.

The passage additionally emphasizes communal dimensions regarding Christian maturity within relational and ecclesiastical participation among believers collectively. Paul specifically connects spiritual growth with unity regarding faith and experiential knowledge concerning Christ comprehensively today. (Victor Immanuel Rahardjo, 2021) Christian formation therefore emerges through communal interaction, theological dialogue, shared learning, and mutual spiritual accountability processes. This communal orientation provides substantial theological foundations supporting collaborative educational models within contemporary church learning environments. Participatory educational structures encourage reflective interaction, contextual theological interpretation, and shared spiritual development among congregants consistently.

Furthermore, Ephesians 4:11–13 portrays ecclesiastical leaders primarily as facilitators nurturing congregational spiritual development collaboratively today. Church leaders consequently prepare believers toward active ministry participation rather than maintaining exclusive theological instructional authority independently. (Kaelo, 2022) This perspective shifts educational emphasis significantly from institutional dependency toward congregational empowerment and participatory discipleship practices. Such theological understanding aligns strongly with contemporary adult learning theories emphasizing autonomy and experiential participation consistently. Adult learners generally engage effectively through collaborative interaction, contextual reflection, and practical spiritual application opportunities meaningfully.

The exegetical findings demonstrate Ephesians 4:11–13 provides substantial theological foundations supporting transformative church education today comprehensively. Pauline theology emphasizes equipping believers toward maturity through participatory, contextual, and spiritually formative educational engagement processes. Consequently, contemporary church education should prioritize holistic spiritual transformation rather than informational doctrinal instruction exclusively today. Digital educational environments therefore require theological frameworks encouraging reflective participation and communal discipleship consistently among believers. Ecclesiastical learning processes should intentionally cultivate spiritually mature believers capable navigating contemporary societal challenges faithfully today.

Digital Transformation and Contemporary Church Learning

Digital transformation has significantly reshaped educational structures, communication patterns, and spiritual formation within contemporary churches globally. Technological developments enable congregations accessing theological learning through livestream worship services and virtual discipleship communities regularly. Digital media consequently expand educational accessibility beyond geographical limitations and conventional institutional ecclesiastical boundaries significantly today. (Daniswara et al., 2023) Churches increasingly depend upon online platforms sustaining congregational interaction, theological instruction, and pastoral educational ministries consistently. Contemporary scholarship confirms digital religion substantially influences how faith communities engage educationally and spiritually worldwide today.

The COVID-19 pandemic accelerated digital transformation dramatically across ecclesiastical educational ministries throughout numerous global church communities. Churches previously depending upon physical gatherings rapidly adopted technological platforms maintaining theological educational continuity successfully worldwide. (Ndruru et al., 2024) This transition demonstrated ecclesiastical adaptability responding strategically toward social disruption and technological cultural transformation effectively today. Digital learning consequently emerged becoming indispensable components supporting contemporary ministry and congregational educational engagement consistently worldwide. However, rapid digitalization simultaneously exposed significant weaknesses regarding pedagogical preparedness and educational technological adaptation challenges institutionally.

The findings reveal many churches continue implementing conventional lecture-centered educational paradigms within digital learning environments today. Online educational activities frequently reproduce one-directional communication emphasizing doctrinal delivery without reflective congregational participation consistently today. (John & Timothy, 2021) Congregants consequently function primarily as passive audiences receiving theological content rather than collaborative spiritual learning participants. Such instructional structures significantly limit theological dialogue, contextual reflection, and transformative spiritual engagement among adult believers. Digital church education therefore frequently becomes informational content distribution instead transformative participatory spiritual formation processes today. (Suarga, 2021) Consequently, significant tensions emerge between technological advancement and educational philosophy within contemporary ecclesiastical learning contexts globally.

Fragmented attention patterns are developing increasingly within contemporary digital educational environments globally today. Congregants regularly encounter distractions originating from entertainment media, social platforms, and excessive information consumption continuously today. Consequently, spiritual learning frequently becomes superficial, fragmented, and lacking reflective theological engagement among adult congregants today. Recent educational scholarship identifies declining reflective participation as substantial challenges affecting contemporary digital Christian learning environments. (Gulo & Tapilaha, 2024) Digital culture often encourages rapid information consumption instead of disciplined contemplation and contextual theological understanding consistently today. Digital transformation additionally contributes significantly toward decentralization regarding theological authority and interpretive educational responsibility globally today. Congregants increasingly access diverse theological perspectives independently through online platforms without adequate pastoral contextual guidance consistently. (Poltarykhin, 2021) Although accessibility broadens theological exploration opportunities, substantial risks regarding doctrinal inconsistency simultaneously continue emerging increasingly today. Individualized spirituality consequently develops when believers consume theological content selectively according personal preferences independently online today. Churches therefore face substantial challenges maintaining theological integrity and communal accountability within decentralized digital educational environments.

Adult Learning Characteristics in Contemporary Church Contexts

The study reveals adult congregants possess distinctive learning characteristics shaped significantly through contextual and experiential realities today. Adult learners generally approach church education carrying accumulated vocational, familial, social, and spiritual experiential perspectives comprehensively. Consequently, educational models emphasizing doctrinal transmission alone frequently fail addressing existential concerns among adult believers adequately. Adult congregants require learning processes integrating theological reflection directly with practical contemporary life experiences meaningfully today. (Apriyanti et al., 2023) Adult learners additionally demonstrate strong tendencies toward self-directed educational engagement within contemporary digital church environments globally today. Digital technology increasingly enables congregants accessing theological resources independently according personal interests and spiritual developmental needs. Believers

regularly engage sermons, podcasts, theological discussions, and biblical applications outside institutional educational structures independently today. This transformation reflects broader cultural shifts emphasizing educational autonomy, flexibility, and individualized knowledge acquisition increasingly today. Adult congregants consequently expect educational opportunities supporting independent exploration alongside collaborative theological interaction consistently today.

The study further indicates that contextual relevance substantially influences adult learning engagement and spiritual participation within churches today. Adult congregants participate more actively whenever theological discussions address concrete vocational and familial realities in meaningful ways.(Petrus Gia, 2026) Educational engagement also increases significantly when learning processes explore ethical dilemmas, social conflict, and spiritual struggles contextually. Consequently, contextual learning becomes essential in facilitating meaningful spiritual formation and reflective theological understanding among adult congregants. Adult learners generally value educational experiences that are directly applicable to everyday responsibilities and existential life challenges. Reflective engagement additionally emerges significantly as essential components strengthening adult spiritual learning within ecclesiastical educational communities today. Adult congregants consistently seek opportunities interpreting personal experiences through theological understanding and communal reflective dialogue collaboratively.(Hartree, 2003) Educational environments encouraging testimony-sharing, discussion, and critical reflection contribute substantially toward spiritual discernment among believers today. Reflective learning processes consequently facilitate deeper theological understanding and contextual spiritual maturity among contemporary adult congregants globally. This finding strongly supports transformative educational models emphasizing participatory interaction instead passive instructional information reception exclusively.

Intrinsic motivation significantly influences adult participation within ecclesiastical educational learning processes today. Adult congregants generally participate because internal desires regarding spiritual growth and existential transformation motivate educational engagement. Educational approaches supporting autonomy, participation, and contextual reflection consequently strengthen spiritual commitment among adult learners significantly.(Kurnia, 2021) Adult learners typically demonstrate greater engagement whenever educational experiences respect experiential knowledge and contextual perspectives comprehensively. This characteristic confirms adults prefer collaborative educational environments encouraging personal responsibility and reflective theological exploration consistently. Contemporary church education must move beyond pedagogical dependency toward participatory learner-centered approaches comprehensively. Educational practices integrating experience, contextuality, reflection, collaboration, and theological dialogue correspond effectively toward adult learning characteristics. Such educational models contribute substantially toward spiritual maturity and transformative discipleship within contemporary ecclesiastical communities globally today. Adult learners consistently engage more deeply whenever educational participation involves reflective interaction and communal spiritual accountability. Consequently, contemporary churches require educational

reconstruction emphasizing autonomy, contextual relevance, and transformative spiritual engagement intentionally today.

Digital Andragogy as a Transformative Educational Framework

Digital andragogy offers relevant frameworks reconstructing contemporary church education within technologically mediated societies globally. Malcolm Knowles developed andragogical theory emphasizing autonomy, experiential engagement, contextual relevance, and intrinsic educational motivation comprehensively. These principles correspond strongly with contemporary adult congregants seeking meaningful spiritual formation through participatory educational experiences today. Digital andragogy consequently supports educational environments encouraging collaboration, reflection, and contextual theological understanding among believers consistently (Blackard et al., 2024). Adult learners generally engage effectively whenever educational processes acknowledge experiential knowledge and practical existential concerns comprehensively.

Digital andragogy shifts educational orientation significantly from teacher-centered instruction toward collaborative participatory learning processes comprehensively today. Congregants consequently function not merely recipients regarding theological information but active contributors within communal educational interaction. Participatory educational structures encourage believers sharing experiences, perspectives, and reflective theological insights collaboratively during learning processes.(Blackard et al., 2024) This educational transformation strengthens communal discipleship and contextual spiritual engagement within contemporary digital church educational environments. Collaborative learning additionally encourages theological dialogue supporting reflective interpretation concerning contemporary social and spiritual realities meaningfully. The findings further reveal digital platforms effectively facilitate reflective theological engagement through participatory educational interaction consistently today. Virtual discussion forums, collaborative Bible studies, and online mentoring communities strengthen contextual theological learning opportunities significantly. These educational practices encourage congregants interpreting theological teachings alongside contemporary realities and personal experiential perspectives meaningfully. Reflective digital interaction consequently strengthens transformative dimensions regarding spiritual learning within technologically mediated educational environments today.(Madyawati et al., 2021) Adult learners generally demonstrate deeper theological engagement whenever collaborative reflection accompanies instructional theological content consistently today. Therefore, participatory digital learning environments substantially contribute toward meaningful spiritual formation and contextual theological understanding comprehensively.

Transformative learning theory developed by Jack Mezirow further strengthens contemporary digital andragogical educational frameworks significantly today. Mezirow emphasizes critical reflection facilitating perspective transformation regarding assumptions, values, and experiential understanding comprehensively today. Reflective learning consequently enables believers critically reinterpret spiritual experiences through theological dialogue and contextual understanding collaboratively.(Bostang et al., 2024) Educational transformation therefore extends beyond information acquisition toward spiritual discernment and ethical developmental formation comprehensively today. Contemporary adult learners

require reflective opportunities integrating theological understanding directly alongside existential realities meaningfully today.

Paulo Freire's dialogical educational philosophy additionally supports participatory learning within contemporary digital church educational ministries today. Freire strongly criticized educational systems reducing learners toward passive recipients regarding instructional knowledge exclusively today. (Andrea Crenshaw and Natasha Ramsay-Jordan, 2024, p. 235) In contrast, digital andragogy encourages collaborative dialogue, critical engagement, and communal theological reflection among adult congregants. Such educational approaches align closely alongside ecclesiological perspectives presented throughout Ephesians 4:11–13 regarding spiritual maturity comprehensively. Participatory educational interaction consequently strengthens communal accountability and active ministry participation among believers collaboratively today.

Implementing digital andragogy requires substantial pedagogical reconstruction within contemporary ecclesiastical educational ministries comprehensively today. Church educators must develop competencies regarding digital facilitation, contextual theology, and transformative participatory educational practices intentionally. Effective educational leadership therefore extends beyond technological management toward reflective mentoring and communal spiritual guidance comprehensively. Churches additionally require educational structures encouraging theological depth, participatory interaction, and contextual spiritual formation simultaneously today. Educational reconstruction consequently demands philosophical and theological commitment supporting transformative spiritual discipleship among adult believers globally.

Opportunities and Challenges of Digital Spiritual Formation

The study identifies several opportunities emerging significantly through digital transformation regarding contemporary church educational ministry globally today. Digital platforms enable churches extending theological education beyond geographical limitations and institutional scheduling constraints effectively today. (Achruh, 2018) Congregants consequently access spiritual learning opportunities flexibly according personal responsibilities and contextual educational needs independently. This accessibility substantially supports lifelong spiritual formation among believers previously experiencing educational participation limitations institutionally today. Digital environments therefore strengthen congregational participation and expand opportunities regarding contextual theological educational engagement comprehensively today. Consequently, technological accessibility provides substantial opportunities supporting transformative spiritual learning within contemporary ecclesiastical communities globally today.

Digital environments additionally facilitate broader theological interaction and collaborative spiritual learning among diverse congregational communities globally today. Virtual communities create opportunities regarding intercultural dialogue, testimony-sharing, mentoring relationships, and collective theological reflection collaboratively today. Such interaction significantly enriches theological understanding and strengthens communal spirituality within contemporary digital church educational contexts. (Suarga, 2021)

Congregants consequently experience broader exposure toward diverse perspectives concerning Christian theology and spiritual formation globally. Collaborative interaction additionally encourages reflective engagement supporting communal accountability and contextual theological understanding among believers consistently.

An important opportunity concerns increasing availability regarding diverse educational resources through contemporary digital technological platforms globally. Congregants regularly access sermons, theological discussions, academic publications, and spiritual educational materials independently through online platforms.(Park, 2026) This accessibility broadens theological exposure and encourages independent reflective learning among contemporary adult congregants significantly today. Recent scholarship similarly highlights digital theology creates substantial possibilities regarding contextual and transformative educational engagement globally. Digital resources consequently support lifelong theological exploration and collaborative spiritual development among believers within contemporary societies today.

Despite these opportunities, the findings reveal significant challenges affecting contemporary digital spiritual formation within churches globally today. One major challenge concerns disparities regarding digital literacy among congregants and ecclesiastical educational leadership significantly today. Numerous participants lack equivalent technological competencies, creating barriers affecting educational participation and collaborative interaction consistently today. This issue particularly influences older congregants and churches possessing limited technological infrastructure and educational resources institutionally.(S. et al., 2024) Consequently, unequal technological accessibility frequently limits participatory educational engagement and reflective theological interaction among believers globally. Another challenge concerns weakened relational depth frequently emerging within technologically mediated educational and spiritual environments today. Christian formation remains deeply connected alongside communal relationships, pastoral guidance, and shared spiritual experiential participation collectively today. Excessive dependence upon digital interaction may unintentionally reduce ecclesiastical intimacy and communal spiritual accountability significantly today. Congregants consequently risk experiencing individualized spirituality lacking meaningful relational engagement within ecclesiastical communities increasingly today. Effective digital church education therefore requires balanced integration between technological accessibility and relational spiritual formation intentionally.

The findings ultimately demonstrate digital spiritual formation requires balanced integration between technological innovation and theological intentionality comprehensively today. Effective church education should combine accessibility, participation, reflection, relational spirituality, and biblical formation simultaneously within practice today. Educational reconstruction consequently requires churches intentionally integrating theological depth alongside participatory digital learning environments collaboratively today. Without intentional integration, digital ministry risks producing technological efficiency lacking substantial transformative spiritual maturity comprehensively today.(Marpaung et al., 2023) Contemporary churches therefore require educational frameworks strengthening reflective discipleship and communal theological engagement within digital societies globally. Consequently,

transformative educational reconstruction remains essential supporting spiritually mature believers within technologically mediated contemporary ecclesiastical environments.

Epistle to the Ephesians 4:11–13 provides a comprehensive theological foundation for reconstructing contemporary church education within increasingly digitalized societies. Pauline theology portrays ecclesiastical ministry not merely as institutional instruction but as a formative process directed toward *katartismos* (equipping) and *teleios* (spiritual maturity). These concepts indicate Christian education fundamentally concerns holistic transformation encompassing theological understanding, ethical discernment, communal participation, and spiritual maturity. Consequently, educational ministry within churches should not remain limited to doctrinal transmission or informational catechesis alone, but must intentionally cultivate mature believers capable of responsible participation within communal discipleship and ministry. Recent Indonesian theological scholarship likewise emphasizes that Ephesians 4:11–13 portrays church leadership primarily as a formative and equipping ministry intended to cultivate spiritual maturity, communal discipleship, and active participation within the body of Christ.(Kurniadi, 2023) This discussion demonstrates Pauline ecclesiology understands spiritual leadership as a transformative ministry centered upon nurturing believers toward theological maturity, ecclesiastical unity, and responsible communal engagement rather than maintaining hierarchical instructional authority exclusively.

The study further demonstrates digital transformation significantly restructures patterns of theological authority, educational participation, and spiritual engagement within contemporary churches globally. Digital platforms increasingly enable congregants to access sermons, theological interpretations, devotional resources, and religious discussions independently without direct ecclesiastical mediation. This phenomenon reflects broader sociocultural shifts toward decentralization of knowledge, individualized learning practices, and autonomous interpretive engagement characteristic of contemporary digital culture. Although such accessibility expands opportunities for theological learning, it simultaneously introduces substantial risks involving theological fragmentation, weakened ecclesiastical accountability, superficial doctrinal engagement, and declining relational depth within faith communities. Several contemporary studies concerning digital church education similarly argue that churches must balance technological accessibility with theological depth, critical reasoning, and ethical-spiritual formation within digital environments.(Gulo & Tapilaha, 2024) The findings therefore indicate technological accessibility alone cannot guarantee transformative spiritual formation. Churches consequently require educational frameworks capable of integrating digital accessibility with contextual theological guidance, communal accountability, and relational discipleship structures.

From adult learning perspectives, the findings strongly validate the continuing relevance of Malcolm Knowles's andragogical framework for contemporary ecclesiastical education. Adult congregants generally approach learning processes through accumulated vocational, familial, social, and spiritual experiences that shape their interpretive and existential perspectives significantly. Consequently, adults demonstrate stronger engagement when educational processes emphasize contextual relevance, reflective participation, collaborative dialogue, and problem-centered theological exploration rather than passive instructional reception. Contemporary Indonesian scholarship concerning andragogical Christian education

similarly argues that church educational ministry should adapt pedagogical approaches according to adult congregational needs, contextual realities, and spiritual developmental processes.(Blackard et al., 2024) Conventional lecture-dominated pedagogies frequently fail addressing existential concerns and contextual realities experienced by contemporary believers, particularly within rapidly changing digital environments. The findings additionally correspond with Jack Mezirow's transformative learning theory, which emphasizes critical reflection as essential for restructuring assumptions, deepening self-understanding, and transforming personal worldviews.

The findings also reinforce the significance of dialogical and participatory educational philosophy developed by Paulo Freire within contemporary digital ecclesiastical education.(Nurlatifa et al., 2023) Freire strongly criticized educational systems that position learners merely as passive recipients of institutional knowledge, arguing authentic education requires dialogue, critical consciousness, and participatory engagement. This critique becomes increasingly relevant within digital religious environments where congregants frequently consume theological content passively through algorithm-driven media platforms without meaningful communal interaction or reflective engagement. Empirical theological studies concerning church discipleship and spiritual growth similarly demonstrate transformative formation emerges more effectively through mentoring, communal reflection, collaborative discussion, and participatory discipleship structures rather than unilateral instructional delivery alone.(Anton Ramba, Asra Leoni Tambing, Kristina, 2024) Dialogical interaction consequently strengthens theological literacy, ethical awareness, communal responsibility, and contextual spiritual discernment among believers.

Digital andragogy represents a strategic and integrative framework for strengthening transformative spiritual formation within contemporary church education globally. Integrating Pauline theology, andragogical learning theory, transformative reflection, and dialogical pedagogy enables churches to construct educational environments that remain theologically grounded while simultaneously responsive toward contemporary digital realities (Turangan, 2021). Nevertheless, the findings also demonstrate technological modernization alone remains insufficient for producing mature discipleship because fragmented attention, weakened interpersonal relationships, passive content consumption, and theological inconsistency continue emerging as significant challenges within digital ministry contexts. Effective ecclesiastical educational reconstruction therefore requires theological depth, participatory pedagogy, relational accountability, and reflective spiritual engagement functioning integratively rather than independently. Consequently, digital andragogy should be understood not merely as technological adaptation, but as a transformative ecclesiastical educational paradigm directed toward forming spiritually mature believers capable of discernment, communal responsibility, ethical engagement, and faithful participation within contemporary digital societies.

CONCLUSION

Digital andragogy represents a strategic and integrative framework for strengthening transformative spiritual formation within contemporary church education globally. By

integrating Pauline theology, andragogical learning theory, transformative reflection, and dialogical pedagogy, churches are enabled to construct educational environments that remain theologically grounded while simultaneously responsive to contemporary digital realities. Nevertheless, technological modernization alone is insufficient to produce mature discipleship, as fragmented attention, weakened interpersonal relationships, passive content consumption, and theological inconsistency continue to emerge as significant challenges within digital ministry contexts. Effective ecclesiastical educational reconstruction therefore requires theological depth, participatory pedagogy, relational accountability, and reflective spiritual engagement functioning in an integrated manner rather than independently. Consequently, digital andragogy should be understood not merely as technological adaptation, but as a transformative ecclesiastical educational paradigm aimed at forming spiritually mature believers capable of discernment, communal responsibility, ethical engagement, and faithful participation within contemporary digital societies.

REFERENCES

- Achruh, A. (2018). Perkembangan Ilmu Pengetahuan Dan Landasan Sosial Budaya. *Inspiratif Pendidikan*, 7(1), 23. <https://doi.org/10.24252/ip.v7i1.4930>
- Agiana Her Visnhu Ditakristi. (2024). Integrating Theological Knowledge , Attitudes , and Life Meaning in Christian Education: A Literature Review on Spiritual Maturity. *EDUKASIA: Jurnal Pendidikan Dan Pembelajaran*, 5(2018), 673–686. <https://doi.org/10.62775/edukasia.v5i2.1750>
- Andrea Crenshaw and Natasha Ramsay-Jordan, E. (2024). *Supporting Activist Practices in Education*. IGI Global.
- Anton Ramba, Asra Leoni Tambing, Kristina, Y. R. K. (2024). Misiologi Sebagai Alat Transformasi Sosial dalam Pendidikan Agama Krsiten. *ADIBA*, 4(4), 625–635.
- Apriyanti, R. S., Rantung, D. A., & Naibaho, L. (2023). “Integrasi Teknologi dalam Pembelajaran Pendidikan Agama Kristen (PAK) sebagai Peluang dan Tantangan di Era Digital.” *Journal on Education*, 6(1), 7607–7613. <https://doi.org/https://doi.org/10.31004/joe.v6i1.3718>
- Baskoro, P. K., & Anggiriati, I. (2021). Implementasi Pemuridan dalam Efesus 4: 11-16 bagi Pertumbuhan Rohani Jemaat di Masa Kini. *Sabda: Jurnal Teologi Kristen*, 2(1), 242–265.
- Blackard, J. T., Johnstone, M., Koprass, E. J., & Lamkin, M. K. (2024). Andragogy in Practice : Applying a Theoretical Framework to Team Science Training in Biomedical Research. *British Journal of Biomedical Science*, 81(March), 1–8. <https://doi.org/10.3389/bjbs.2024.12651>
- Bostang, B., □ S., Lubis, B., Nahulae, I. R., Leonardo, E., & Silaban, R. (2024). Belajar Liturgi Modern dan Teologi Populer Demi Eksplorasi Nilai-Nilai Luhur Ilahi. *Journal of Education Research*, 5(1), 842–849.
- Daniswara, R. A., Faristiana, A. R., Ushuluddin, F., Dan, A., Komunikasi, D., & Islam, P. (2023). Transformasi Peran dan Dinamika Keluarga di Era Digital Menjaga Keluarga dalam Revolusi Industri 4.0 Tantangan dalam Perubahan Sosial. *JISPENDIORA*, 2(2), 29–43. <https://doi.org/DOI: https://doi.org/10.56910/jispendingora.v2i1>. Received April

- Dunlow, J. (n.d.). "Digital Discipleship: A Study of How Churches in New York Used Technology for Adult Discipleship During the COVID-19 Pandemic." *Christian Education Journal*, 18(3), 458–472.
- Gulo, R. P., & Tapilaha, S. R. (2024). Reforming Christian Religious Education: Integrating Spirituality and Critical Reasoning in the Digital Era. *Didaché: Journal of Christian Education*, 5(2), 105–123. <https://doi.org/10.46445/djce.v5i2.823>
- Hartree, A. (2003). Malcolm Knowles' Theory of Andragogy: A Critique. In by P. J. and C. Griffin. (Ed.), *In Adult and Continuing Education: Major Themes in Education, Vol. IV: Teaching, Learning and Research* (p. 240). Routledge.
- Hassan, J. Al. (2020). *The Pauline Concept of Discipleship as a Model for Addressing the Youth Dropout in the Twenty-First Century United States of America Church*. Southeastern University.
- Holdo, M. (2023). "Critical Reflection: John Dewey's Relational View of Transformative Learning." *Journal of Transformative Education*, 2(1).
- Istapawati, I. (2022). Etika Kristen Dalam Pendidikan Karakter Dan Moral. *Angelion: Jurnal Teologi Dan Pendidikan Kristen*, 3(1), 17.
- John, C., & Timothy, G. (2021). *Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research*. Pearson—Merrill Prentice.
- Kaelo, C. P. (2022). Building Up the Body of Christ by Equipping the Saints: An Exegesis of Ephesians 4:11-16. *ShahidiHub International Journal of Theology & Religious Studies- ISSN*, 2(1), 108–122.
- Kurnia, R. P. (2021). A Case for Mezirow ' s Transformative Learning. *Diligentia: Journal of Theology and Christian Education*, 4(4), 5–12.
- Kurniadi, I. (2023). "Peran Gembala Sidang dalam Meningkatkan Kesetiaan Jemaat dalam Beribadah Menurut Efesus 4:12–13 di Gereja Baptis Indonesia Banyumas." *EKKLESIA: Jurnal Teologi Dan Pendidikan Kristiani*, 2(1), 1–12.
- Luft, H. M. (2021). "Paulo Freire e o diálogo: Interfaces entre a saúde pública e a educação escolar." *Revista Contexto & Educação*, 37(117).
- Lukas Kadimin, Timotius Sukarna, Suharto, D. (2024). Peran Kaum Awam Sebagai Kunci Pertumbuhan Gereja di GBIAI Jakarta Berdasarkan Surat Efesus 4:11-16. *Review Pendidikan Dan Pengajaran*, 7(2), 15672–15681.
- Madyawati, L., Marhumah, M., & Rafiq, A. (2021). Urgensi Nilai Agama Pada Moral Anak Di Era Society 5.0. *Al-Hikmah: Jurnal Agama Dan Ilmu Pengetahuan*, 18(2), 132–143. [https://doi.org/10.25299/al-hikmah:jaip.2021.vol18\(2\).6781](https://doi.org/10.25299/al-hikmah:jaip.2021.vol18(2).6781)
- Marpaung, Marulitua, A., & Hwang., B. J. (2023). "Theology of Christian Education on Leading toward Spiritual Transformation in the Frame of Religious Moderation in Digital Society Context." *KURIOS*, 9(2).
- Mbennah, E. D. (2016). The Goal of Marturity In Ephesians 4:13-16. *Acta Theologica*, 36(1), 110–132.
- Ndruru, Y., Teko, A., & Tapilaha, S. R. (2024). Teologi Pendidikan Agama Kristen: Fondasi Dan Implikasi Untuk Pendidikan Modern. *Tri Tunggal: Jurnal Pendidikan Kristen Dan Katolik*, 2(2), 167–176.

- Nurlatifa, N., Zai, R., Samsuri, S., & Suyato, S. (2023). Kajian Pemikiran Paulo Freire: Penerapan Pendidikan Hadap Masalah Dalam Pendidikan Kewargangeraaan di Indonesia. *Jurnal Ilmiah Mandala Education*, 9(3), 1702–1708. <https://doi.org/10.58258/jime.v9i3.5443>
- Park, B. (2026). Applying Transformative Learning to Faith Identity Formation : Small-Group Ministry among Emerging Adults in South Korea. *Christian Education Journal: Research on Educational Ministry*, 1–18. <https://doi.org/10.1177/07398913261427778>
- Petrus Gia, S. S. R. (2026). Pengembangan Kurikulum Gereja Berbasis kontekstual: Tantangan dan Peluang di Era Modern. *Grafta*, 5(2), 86–93.
- Poltarykhin, A. (2021). The relationship between religious beliefs and coping with the stress of COVID-19. *HTS Teologiese Studies*, 1–6. <https://doi.org/doi.org/10.4102/hts.v77i1.6487>
- Prof. Dr. Sugiyono. (2019). Metode Penelitian Kuantitatif, Kualitatif dan R&DMetode Penelitian Kuantitatif, Kualitatif dan R&D. In *Angewandte Chemie International Edition*, 6(11), 951–952. (Number Septembfile:///C:/Users/asus/Downloads/29-64-1-SM.pdf file:///C:/Users/asus/Downloads/29-64-1-SM.pdf 2016). Alfabeta.
- S., L., Geby, D. S. P., Siregar, A., & Liswany S., Geby, Dede Sukasih P., Angelina Siregar, Zefanya Purba, nd T. B. (2024). “Tantangan dan Peluang Pendidikan Agama Kristen di Era Digital Untuk Kaum Dewasa.” *Jurnal Trust Pentakosta*, 1(1).
- Suarga, B. B. (2021). Pengaruh Kultur Digital dalam Hidup Beriman Kristiani: Membangun Langkah Pastoral yang Relevan. *HARVESTER: Jurnal Teologi Dan Kepemimpinan Kristen*, 6(2), 160–196. <https://doi.org/10.52104/harvester.v6i2.74>
- Turangan, D. J. (2021). Kompetensi Pedagogik Guru Pendidikan Agama Kristen Berpengaruh Pada Motivasi Belajar Siswa Di Sd Gmim Ii Madidir Ure Kota Bitung. *APOLONIUS: Jurnal Teologi Dan Pendidikan ...*, 2, 1–20.
- Victor Immanuel Rahardjo, R. R. M. (2021). Studi Deskriptif Prinsip-Prinsip Pelayanan Menurut Efesus 4:11-16. *JUTEOLOG*, 1(1), 39–59. <https://doi.org/https://doi.org/10.52489/juteolog.v1i1.10>