

**PENGARUH PENALARAN MORAL DAN PERILAKU PROSOSIAL
SEBAGAI MEDIATOR TERHADAP KEWARGANEGARAAN DIGITAL
SISWA SMA DI BANDA ACEH**

TESIS

Diajukan untuk Memenuhi Sebagai Syarat dalam memperoleh Gelar Magister Ilmu Pendidikan pada Bidang Pendidikan Kewarganegaraan



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Sebuah Tesis yang diajukan untuk memenuhi salah satu syarat memperoleh gelar Magister Pendidikan (M.Pd.) pada Fakultas Pendidikan Ilmu Pengetahuan Sosial

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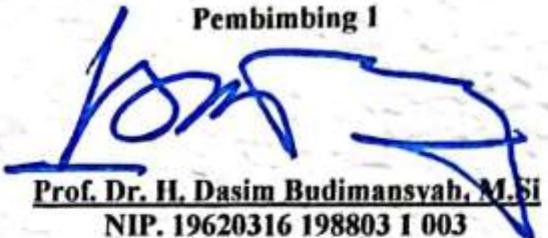
**LEMBAR PENGESAHAN
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SEBAGAI MEDIATOR TERHADAP KEWARGANEGARAAN DIGITAL
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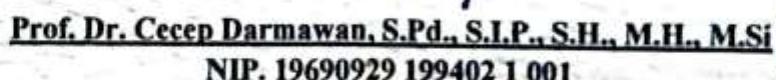
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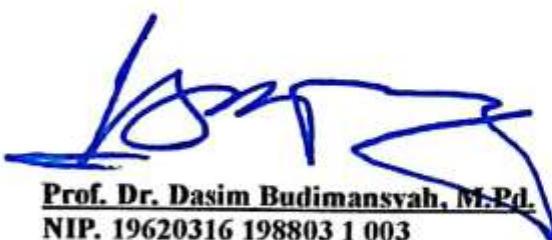
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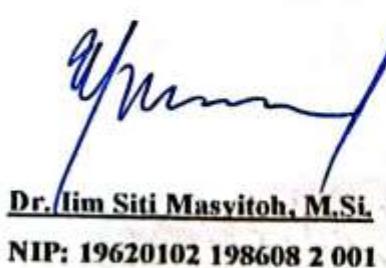
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ABSTRAK

Iwan Fajri (2002419) PENGARUH PENALARAN MORAL DAN PERILAKU PROSOSIAL SEBAGAI MEDIATOR TERHADAP KEWARGANEGARAAN DIGITAL SISWA SMA BANDA ACEH

Penelitian ini bertujuan untuk menguji pengaruh penalaran moral dan perilaku prososial terhadap kewarganegaraan digital siswa SMA di Banda Aceh serta menguji peran mediasi perilaku prososial dalam hubungan antara penalaran moral dan kewarganegaraan digital. Penelitian ini menggunakan pendekatan kuantitatif dengan desain penelitian cross-sectional yang memiliki jumlah sampel penelitian sebanyak 322 siswa SMA di Banda Aceh. Data diperoleh melalui kuesioner yang kemudian dianalisis dengan menggunakan PLS-SEM dengan bantuan program SMART PLS versi 4. Hasil penelitian menunjukkan bahwa semua hipotesis yang diajukan diterima baik pengaruh langsung maupun tidak langsung. Terdapat pengaruh positif penalaran moral terhadap perilaku prososial siswa ($\beta = 0.172$, $p = 0.002$), namun pengaruhnya rendah. Keberadaan variable penalaran moral memberikan kontribusi yang besar terhadap kewarganegaraan digital siswa ($\beta = 0.529$, $p = 0.000$). Selain itu, terdapat pengaruh positif perilaku prososial siswa terhadap kewarganegaraan digital siswa ($\beta = 0.570$, $p = 0.000$) dengan pengaruh yang sangat tinggi. Selanjutnya terdapat perilaku prososial dapat memediasi pengaruh antara penalaran moral dan kewarganegaraan digital siswa dengan hasil ($\beta = 0.301$, $p = 0.000$). Penelitian ini memberikan kontribusi penting dalam memahami faktor-faktor yang memengaruhi kewarganegaraan digital siswa, khususnya melalui peran penalaran moral dan perilaku prososial. Temuan ini dapat digunakan sebagai landasan dalam pengembangan program pendidikan yang mempromosikan kewarganegaraan digital dan perilaku positif dalam menggunakan teknologi digital.

Kata kunci: Kewarganegaraan digital; penalaran moral; perilaku prososial; pendidikan kewarganegaraan

ABSTRACT

Iwan Fajri (2002419). THE INFLUENCE OF MORAL REASONING AND PROSOCIAL BEHAVIOR AS MEDIATORS ON DIGITAL CITIZENSHIP OF HIGH SCHOOL STUDENTS IN BANDA ACEH

This study aims to examine the effect of moral reasoning and prosocial behavior on digital citizenship of students in Banda Aceh and examine the mediating role of prosocial behavior in the relationship between moral reasoning and digital citizenship. This study used a quantitative approach with a cross-sectional research design with a total sample of 322 high school students in Banda Aceh City. Data were obtained through questionnaires which were then analyzed using PLS-SEM with the help of the SMART PLS version 4 program. The results showed that all the hypotheses proposed were accepted, both direct and indirect effects. There is a positive effect of moral reasoning on students' prosocial behavior ($\beta = 0.172, p = 0.002$), but the effect is low. The existence of moral reasoning variables makes a major contribution to students' digital citizenship ($\beta = 0.529, p = 0.000$). In addition, there is a positive influence of students' prosocial behavior on students' digital citizenship ($\beta = 0.570, p = 0.000$) with a very high effect. Furthermore, prosocial behavior can mediate the influence between moral reasoning and students' digital citizenship with the result ($\beta = 0.301, p = 0.000$). This research makes an important contribution in understanding the factors that influence students' digital citizenship, particularly through the role of moral reasoning and prosocial behavior. These findings can be used as a basis for developing educational programs that promote digital citizenship and positive behavior in using digital technology.

Keywords: Digital citizenship; moral reasoning; prosocial behavior; civic education

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DAFTAR PUSTAKA

Buku

- Azwar, S. (2009). Sikap manusia, teori dan pengukurannya (Human attitudes, theory and measurements). *Yogyakarta, Indonesia: Pustaka Pelajar.*
- Bailey, G., & Ribble, M. (2007). Digital citizenship in schools. *Eugene, OR: International Society for Technology in Education.*
- Bryman, A., & Cramer, D. (2012). *Quantitative data analysis with IBM SPSS 17, 18 & 19: A guide for social scientists.* Routledge.
- Cole, D., & Griffin, K. A. (2013). Advancing the study of student-faculty interaction: A focus on diverse students and faculty. In *Higher education: Handbook of theory and research* (pp. 561-611). Springer, Dordrecht.
- Collins, A., & Halverson, R. (2018). *Rethinking education in the age of technology: The digital revolution and schooling in America.* Teachers College Press.
- Consuelo, G., Jesus, A., Twila, G., Bella, R., & Gu, G. (2007). *Research methods,* Rex Printing Company. Quezon City.
- Cooper, D. R., Schindler, P. S., & Sun, J. (2006). *Business research methods* (Vol. 9, pp. 1-744). New York: McGraw-hill.
- Creswell, J. W., & Creswell, J. D. (2017). *Research design: Qualitative, quantitative, and mixed methods approaches.* Sage publications.
- Dunn, J., & Layard, R. (2009). *A good childhood: Searching for values in a competitive age.* Penguin UK.
- Feenberg, A. (2002). *Transforming technology: A critical theory revisited.* Oxford University Press.
- Floridi, L., & Sanders, W. (2004). The foundationalist debate in computer ethics. In R. A. Spinello, & H. T. Tavani (Eds.), *Readings in cyberethics.* Sudbury, Mass.: Jones and Bartlett Publishers.
- Ghazali, H. (2003). *Examining high-school students' views on computer and information ethics.* Kansas State University.
- Ghozali, I. (2018). *Aplikasi Analisis Multivariate Dengan Program Ibm Spss 25 Edisi 9 (Ke-9).* Semarang: Badan Penerbit Universitas Diponegoro.
- Gibbs, J. C., Basinger, K. S., Fuller, D., & Fuller, R. L. (2013). *Moral maturity: Measuring the development of sociomoral reflection.* Routledge.

- Hadi, S. (2004). Statistik Penelitian. *CV Andi: Yogyakarta*.
- Hair Jr, J. F., Sarstedt, M., Ringle, C. M., & Gudergan, S. P. (2017). *Advanced issues in partial least squares structural equation modeling*. saGe publications.
- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2010). *Multivariate data analysis: A global perspective* (7th ed.). Upper Saddle River, NJ: Pearson Education.
- Harrison, T. (2021). *Thrive: How to cultivate character so your children can flourish online*. Robinson
- Ho, R. (2006). *Handbook of univariate and multivariate data analysis and interpretation with SPSS*. Chapman and Hall/CRC.
- Johnson, R. B., & Christensen, L. (2019). *Educational research: Quantitative, qualitative, and mixed approaches*. Sage publications.
- Johnston, M., & Krettenauer, T. (2011). Moral self and moral emotion expectancies as predictors of anti-and prosocial behaviour in adolescence: A case for mediation?. *European Journal of developmental psychology*, 8(2), 228-243.
- Jung, I. (2009). Ethical judgments and behaviors: Applying a multidimensional ethics scale to measuring ICT ethics of college students. *Computers & Education*, 53(3), 940-949.
- Kahn, R., & Kellner, D. (2004). New media and internet activism: from the ‘Battle of Seattle’to blogging. *New media & society*, 6(1), 87-95.
- Kavussanu, M., Stanger, N., & Boardley, I. D. (2013). The Prosocial and Antisocial Behaviour in Sport Scale: Further evidence for construct validity and reliability. *Journal of sports sciences*, 31(11), 1208-1221.
- Kerlinger, F.N. (1999). *Foundation of behavioral research*. (2nd ed.). New York:
- Kingsmill, T. (2018, June). The experience of digital citizenship in a secondary school curriculum. In *EdMedia+ Innovate Learning* (pp. 1710-1715). Association for the Advancement of Computing in Education (AACE).
- Kirkpatrick, G. (2017). *Critical technology: A social theory of personal computing*. Routledge.
- Kohlberg, L. (1984). *The psychology of moral development: The nature and validity of moral stages*. San Francisco: Harper & Row.
- Kohlberg, L. (1984). *Essays on moral development/2 The psychology of moral development*. Harper & Row.
- Mangal, S. K. (2002). *Statistics in psycholohy and education*. PHI Learning Pvt. Ltd..
- Marshall, P. (2014). *Research methods: how to design and conduct a successful project*. Hachette UK.

- Mossberger, K., Tolbert, C. J., & McNeal, R. S. (2007). *Digital citizenship: The Internet, society, and participation*. MIT Press.
- Myers, D. G., Spencer, S. J., & Jordan, C. H. (2002). *Social psychology* (Vol. 11). New York: McGraw-Hill.
- Piaget, J. (1932). (1965). *The moral judgement of the child* (M. Gabain, Trans.). New York: Free Press.
- Rest, J. R. (Ed.). (1994). *Moral development in the professions: Psychology and applied ethics*. Psychology Press.
- Ribble, M. (2011). *Digital citizenship in schools* (2nd ed.). Arlington, VA: International Society for Technology in Education
- Ribble, M. (2015). *Digital citizenship in schools: Nine elements all students should know*. International Society for Technology in Education
- Sekaran, Uma dan Roger Bougie, (2017), *Metode Penelitian untuk Bisnis:Pendekatan Pengembangan-Keahlian*, Edisi 6, Buku 1, Cetakan KeduaSalemba Empat, Jakarta Selatan 12610.
- Selingo, J. (2004). Hey kid, your backpack is ringing. *The New York Times*.
- Singarimbun, M & Effendi, S. (2011). *Metode Penelitian Survai*. Jakarta: LP3S.
- Smith, A. (2013). *Civic engagement in the digital age*. Pew Internet & American Life Project.
- Spinello, R. A., & Tavani, H. T. (Eds.). (2004). *Readings in cyberethics*. Jones & Bartlett Learning.
- Spinello, R.A. (1995), *Ethical Aspects of Information Technology*, Prentice Hall, Upper Saddle River, NJ.
- Staub, E. (2013). *Positive social behavior and morality: Socialization and development*. Elsevier.
- Tabachnick, B. G., Fidell, L. S., & Ullman, J. B. (2007). *Using multivariate statistics* (Vol. 5, pp. 481-498). Boston, MA: Pearson.
- Weckert, J., & Adeney, D. (1997). *Computer and information ethics*. Greenwood Publishing Group Inc..

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- Aknin, L. B., Barrington-Leigh, C. P., Dunn, E. W., Helliwell, J. F., Burns, J., Biswas-Diener, R., ... & Norton, M. I. (2013). Prosocial spending and well-being: cross-cultural evidence for a psychological universal. *Journal of personality and social psychology*, 104(4), 635.
- Armstrong-Carter, E., & Telzer, E. H. (2021). Advancing measurement and research on youths' prosocial behavior in the digital age. *Child Development Perspectives*, 15(1), 31-36.

- Arthur, J. (2011). Personal character and tomorrow's citizens: Student expectations of their teachers. *International Journal of Educational Research*, 50(3), 184-189.
- Arthur, J., & Harrison, T. (2012). Exploring good character and citizenship in England. *Asia Pacific Journal of Education*, 32(4), 489-497.
- Assumpcao, C., & Sleiman, C. (2011, June). Digital citizenship: a course on safe, ethical and legal Internet practices in a Brazilian middle and high school. In *EdMedia+ Innovate Learning* (pp. 309-315). Association for the Advancement of Computing in Education (AACE).
- Banaji, S., & Buckingham, D. (2010). Young people, the Internet, and civic participation: An overview of key findings from the CivicWeb project. *International Journal of Learning and media*, 2(1), 15-24.
- Barczyk, C. C., & Duncan, D. G. (2012). Social networking media: An approach for the teaching of international business. *Journal of Teaching in International Business*, 23(2), 98-122.
- Bauer, H. H., Reichardt, T., Barnes, S. J., & Neumann, M. M. (2005). Driving consumer acceptance of mobile marketing: A theoretical framework and empirical study. *Journal of electronic commerce research*, 6(3), 181.
- Baylor, A. L., & Kim, S. (2009). Designing nonverbal communication for pedagogical agents: When less is more. *Computers in Human Behavior*, 25(2), 450-457.
- Beseler, C. L., Jones, L. M., & Mitchell, K. J. (2021). Measuring *online* prosocial behaviors in primary school children: Psychometric properties of the *online* civility scale. *Contemporary School Psychology*, 1-11.
- Bickel, R. W., Larrondo-Petrie, M. M., & Bush, D. F. (1992). EDICT for computer ethics education. *Journal of Systems and Software*, 17(1), 81-89.
- Caprara, G. V., & Steca, P. (2007). Prosocial agency: The contribution of values and self-efficacy beliefs to prosocial behavior across ages. *Journal of social and clinical psychology*, 26(2), 218.
- Carlo, G., & Randall, B. A. (2002). The development of a measure of prosocial behaviors for late adolescents. *Journal of youth and adolescence*, 31(1), 31-44.
- Carlo, G., Hausmann, A., Christiansen, S., & Randall, B. A. (2003). Sociocognitive and behavioral correlates of a measure of prosocial tendencies for adolescents. *The journal of early adolescence*, 23(1), 107-134.
- Carlo, G., McGinley, M., Roesch, S. C., & Kaminski, J. W. (2008). Measurement invariance in a measure of prosocial moral reasoning to use with adolescents from the USA and Brazil. *Journal of Moral Education*, 37(4), 485-502.
- Carlo, G., Mestre, M. V., Samper, P., Tur, A., & Armenta, B. E. (2011). The longitudinal relations among dimensions of parenting styles, sympathy,

- prosocial moral reasoning, and prosocial behaviors. *International Journal of Behavioral Development*, 35(2), 116-124.
- Carlo, G., Mestre, M. V., Samper, P., Tur, A., & Armenta, B. E. (2010). Feelings or cognitions? Moral cognitions and emotions as longitudinal predictors of prosocial and aggressive behaviors. *Personality and Individual Differences*, 48(8), 872-877.
- Carlo, G., White, R. M., Streit, C., Knight, G. P., & Zeiders, K. H. (2018). Longitudinal relations among parenting styles, prosocial behaviors, and academic outcomes in US Mexican adolescents. *Child development*, 89(2), 577-592.
- Castells, M. (2002). Local and global: Cities in the network society. *Tijdschrift voor economische en sociale geografie*, 93(5), 548-558.
- Choi, M. (2016). A concept analysis of digital citizenship for democratic citizenship education in the internet age. *Theory & research in social education*, 44(4), 565-607.
- Choi, M., Glassman, M., & Cristol, D. (2017). What it means to be a citizen in the internet age: Development of a reliable and valid digital citizenship scale. *Computers & education*, 107, 100-112.
- Dennis, M., & Harrison, T. (2021). Unique ethical challenges for the 21st century: Online technology and virtue education. *Journal of Moral Education*, 50(3), 251-266.
- Dotter, G., Heges, A., & Parker, H. (2016). Membina Kewarganegaraan Digital di Kelas. *Intisari Pendidikan*, 82 (3), 58-63.
- Elm, D. R., & Weber, J. (1994). Measuring moral judgment: The moral judgment interview or the defining issues test?. *Journal of Business Ethics*, 13(5), 341-355.
- Erreygers, S., Vandebosch, H., Vranjes, I., Baillien, E., & De Witte, H. (2018). Development of a measure of adolescents' online prosocial behavior. *Journal of Children and Media*, 12(4), 448-464.
- Fajri, I., Budimansyah, D., & Komalasari, K. (2022). Digital Citizenship In Civic Education Learning: A Systematic Literature Review. *Jurnal Ilmiah Peuradeun*, 10(3), 833-854.
- Flores, A., & James, C. (2013). Morality and ethics behind the screen: Young people's perspectives on digital life. *New Media & Society*, 15(6), 834-852.
- Gkioulos, V., Wangen, G., Katsikas, S. K., Kavallieratos, G., & Kotzanikolaou, P. (2017). Security awareness of the digital natives. *Information*, 8(2), 42.
- Hair, J. F., Black, W. C., Babin, B. J., Anderson, R. E., & Tatham, R. L. (2006). Multivariate data analysis 6th Edition. Pearson Prentice Hall. New Jersey.
- humans: Critique and reformulation. *Journal of Abnormal Psychology*, 87, 49-74.

- Hardy, S. A., Bean, D. S., & Olsen, J. A. (2015). Moral identity and adolescent prosocial and antisocial behaviors: Interactions with moral disengagement and self-regulation. *Journal of youth and adolescence*, 44(8), 1542-1554.
- Harrison, T. (2016). Virtuous reality: Moral theory and research into cyber-bullying. *Ethics and Information Technology*, 17(4), 275–283. <https://doi.org/10.1007/s10676-015-9382-9>
- Harrison, T. (2021). A new educational model for *online* flourishing: A pragmatic approach to integrating moral theory for cyber-flourishing. *Pastoral Care in Education*, 40(2), 128-151.
- Harrison, T., & Polizzi, G. (2022). (In) civility and adolescents' moral decision making *online*: drawing on moral theory to advance digital citizenship education. *Education and Information Technologies*, 27(3), 3277-3297.
- Hazari, S., & Brown, C. (2013). An empirical investigation of privacy awareness and concerns on social networking sites. *Journal of Information Privacy and Security*, 9(4), 31-51.
- Hobbs, R., & Jensen, A. (2009). The past, present, and future of media literacy education. *Journal of media literacy education*, 1(1), 1.
- James, R., Douglas, C., Richard, C., JoAnna, M., & Douglas, A. (1974). Judging the important issues in moral dilemmas: An objective measure of development. *Developmental Psychology*, 10(4), 491.
- Kirkpatrick, G. (2018). Andrew Feenberg's critical theory of technology: A special issue. *Thesis Eleven*, 0725513616689400.
- Kohlberg, L. (1976). Moral stages and moralization: The cognitive-development approach. *Moral development and behavior: Theory research and social issues*, 31-53.
- Kohlberg, L. (1976). Moral stages and moralization: The cognitive-development approach. *Moral development and behavior: Theory research and social issues*, 31-53.
- Kohlberg, L., & Candee, D. (1984). The relationship of moral judgment to moral action. *Morality, moral behavior, and moral development*, 52, 73.
- Kumar, R. (2018). *Research methodology: A step-by-step guide for beginners*. Sage.
- Kumru, A., Carlo, G., Mestre, M. V., & Samper, P. (2012). Prosocial moral reasoning and prosocial behavior among Turkish and Spanish adolescents. *Social Behavior and Personality: an international journal*, 40(2), 205-214.
- Laible, D. J., Carlo, G., & Roesch, S. C. (2004). Pathways to self-esteem in late adolescence: The role of parent and peer attachment, empathy, and social behaviours. *Journal of adolescence*, 27(6), 703-716.

- Leonard, L. N., & Haines, R. (2007). Computer-mediated group influence on ethical behavior. *Computers in Human Behavior*, 23(5), 2302-2320.
- Lickona, T. (1997). Chapter IV: Educating for Character: A Comprehensive Approach. *Teachers College Record*, 98(6), 45-62.
- Martela, F., & Ryan, R. M. (2016). Prosocial behavior increases well-being and vitality even without contact with the beneficiary: Causal and behavioral evidence. *Motivation and emotion*, 40(3), 351-357.
- Ohler, J. (2011). Digital citizenship means character education for the digital age. *Kappa Delta Pi Record*, 47(sup1), 25-27.
- Oxley, C. (2011). Digital citizenship: Developing an ethical and responsible *online culture*. *Access*, 25(3), 5-9.
- Palfrey, J., & Gasser, U. (2008). Opening Universities in a Digital Era. *New England Journal of Higher Education*, 23(1), 22-24.
- Penner, L. A. (2000). Promoting prosocial actions: The importance of culture and values. *Journal of social philosophy*, 31(4).
- Polizzi, G., & Harrison, T. (2022). Wisdom in the digital age: a conceptual and practical framework for understanding and cultivating cyber-wisdom. *Ethics and Information Technology*, 24(1), 1-16.
- Prasetyo, W. H., Sumardjoko, B., Muhibbin, A., Naidu, N. B. M., & Achmad, M. I. (2022). Promoting Digital Citizenship among Student-Teachers: The Role of Project-Based Learning in Improving Appropriate *Online Behaviors*. *Participatory Educational Research*, 10(1), 389-407.
- Reidenbach, R. E., & Robin, D. P. (1990). Toward the development of a multidimensional scale for improving evaluations of business ethics. *Journal of business ethics*, 9(8), 639-653.
- Ribble, M. S., & Bailey, G. D. (2006). Digital citizenship at all grade levels. *Learning and leading with Technology*, 33(6), 26.
- Ribble, M. S., Bailey, G. D., & Ross, T. W. (2004). Digital citizenship: Addressing appropriate technology behavior. *Learning & Leading with technology*, 32(1), 6.
- Ribble, M., & Miller, T. N. (2013). Educational leadership in an *online world*: Connecting students to technology responsibly, safely, and ethically. *Journal of asynchronous learning networks*, 17(1), 137-145.
- Rowley, J. (2014). Designing and using research questionnaires. *Management Research* 956 Review, 37(3), 308–330. <https://doi.org/10.1108/MRR-02-2013-0027>
- Saputra, M., Siddiq, A., & Huda, I. (2020). Social Media and Digital Citizenship: The Urgency of Digital Literacy in the Middle of a Disrupted Society Era. *International Journal of Emerging Technologies in Learning*, 15(7).

- Scherer, M., & Cator, K. (2011). Transforming education with technology. *Educational Leadership*, 68(5), 17-21.
- Shin, J. (2008, March). Morality and Internet Behavior: A study of the Internet Troll and its relation with morality on the Internet. In *Society for information technology & teacher education international conference* (pp. 2834-2840). Association for the Advancement of Computing in Education (AACE).
- Staehr, L. J., & Byrne, G. J. (2003). Using the defining issues test for evaluating computer ethics teaching. *IEEE Transactions on Education*, 46(2), 229-234.
- Swain, C., & Gilmore, E. (2001). Repackaging for the 21st century: Teaching copyright and computer ethics in teacher education courses. *Contemporary Issues in Technology and Teacher Education*, 1(4), 535-545.
- Thomas, S. N. (2018). Promoting digital citizenship in first-year students: Framing information literacy as a tool to help peers. *College & Undergraduate Libraries*, 25(1), 52-64.
- Triandis, H.C. (1971). *Attitude an attitude change*. University of California: John
- Veenstra, R., Lindenberg, S., Oldehinkel, A. J., De Winter, A. F., Verhulst, F. C., & Ormel, J. (2008). Prosocial and antisocial behavior in preadolescence: Teachers' and parents' perceptions of the behavior of girls and boys. *International Journal of Behavioral Development*, 32(3), 243-251.
- Villano, M. (2008). Text unto others... as you would have them text unto you. *The Journal*, 35(9), 47-51.
- Wang, S. K., Hsu, H. Y., Campbell, T., Coster, D. C., & Longhurst, M. (2014). An investigation of middle school science teachers and students use of technology inside and outside of classrooms: Considering whether digital natives are more technology savvy than their teachers. *Educational Technology Research and Development*, 62(6), 637-662.
- Willard, N. E. (1998). Moral development in the information Age. Paper presented at the *Proceedings of the Families, Technology, & Education Conference October 30- November 1, 1997*, 215-22
- Wright, M. F., & Li, Y. (2012). Prosocial behaviors in the cyber context. In *Encyclopedia of cyber behavior* (pp. 328-341). IGI Global.
- Xu, S., Yang, H. H., MacLeod, J., & Zhu, S. (2019). Social media competence and digital citizenship among college students. *Convergence*, 25(4), 735-752.

Penelitian

- Avens, O. D. (1993). *Working principles: Recent political theory and the organization of work* (Doctoral dissertation, Yale University).

- Beers, J. R. (2017). *Technology-Related Strategies Used By Educational Leaders to Increase Prosocial Behavior in K-12 Schools* (Doctoral dissertation, University of La Verne).
- Harrison, T. J. (2014). *Does the internet influence the character virtues of 11 to 14 year olds in England? A mixed method study with particular regard to cyber-bullying* (Doctoral dissertation, University of Birmingham).
- Harrison, T. & Polizzi, G. (2021). *A cyber-wisdom approach to digital citizenship education: Insights from adolescents and parents*. Jubilee Centre for Character and Virtues, University of Birmingham. https://www.jubileecentre.ac.uk/userfiles/jubileecentre/pdf/news/ACyber-WisdomApproachtoDigitalCitizenshipEducation_Final.pdf
- Lenhart, A., Madden, M., Smith, A., Purcell, K., Zickuhr, K., & Rainie, L. (2011). Teens, Kindness and Cruelty on Social Network Sites: How American Teens Navigate the New World of " Digital Citizenship ". *Pew Internet & American Life Project*.
- Myyry, Liisa (2003) Components of Morality: A Professional Ethics Perspective on Moral Motivation, Moral Sensitivity, Moral Reasoning and Related Constructs among University Students. PhD Thesis, Helsinki: Faculty of Social Sciences, Department of Social Psychology. University of Helsinki. Available at <http://ethesis.helsinki.fi/julkaisut/val/sosps/vk/myyry/componen.pdf> (last accessed December 2009)
- Oliver, J. M. (2002). *Early adolescents' moral reasoning about computer and Internet rules*. Arizona State University.
- Payne, J. L. (2016). *A case study of teaching digital citizenship in fifth grade*. The University of Alabama.
- Riccio, K. J. (2022). *Becoming a Responsible Digital Citizen: Essential Skills and Knowledge from the Perspectives and Lived Experiences of K-5 Administrators, Students, and Teachers* (Doctoral dissertation, Illinois State University).
- Supavai, E. (2014). *Measuring online moral reasoning: The development and psychometric properties of the Cyberethics Scale* (Doctoral dissertation, Boston University).
- Yamano, P. H. (2004). *Cyberethics in the elementary classroom: Teaching the responsible use of technology*. (Ed.D., Pepperdine University)
- Zhou, Q., Hofer, C., Eisenberg, N., Reiser, M., Spinrad, T. L., & Fabes, R. A. (2007). The developmental trajectories of attention focusing, attentional and behavioral persistence, and externalizing problems during school-age years. *Developmental psychology, 43*(2), 369.
- Zhou, Z., Tang, H., Tian, Y., Wei, H., Zhang, F., & Morrison, C. M. (2013). Cyberbullying and its risk factors among Chinese high school students. *School psychology international, 34*(6), 630-647.

Zickuhr, K. (2014). Teens and tech: What the research says. *Young Adult Library Services*, 12(2), 33-37.

Sumber Online

Social, W. A. Hootsuite.(2022). *Hootsuite (We are Social): Indonesian Digital Report 2022*. Digital Sosial Indonesia. <https://andi.link/hootsuite-we-are-social-indonesian-digital-report-2022/>