

**PENGARUH *ICT SELF EFFICACY* TERHADAP *TECHNOPRENEURSHIP*  
*INTENTION* DIMODERASI *TECHNOPRENEURIAL LEARNING* DAN  
*CREATIVITY***

**(Survei Pada Siswa SMKN di Kota Palembang)**

**TESIS**

Diajukan untuk Memenuhi Salah Satu Syarat Mengikuti Ujian Tahap 1  
Program Studi Pendidikan Ekonomi



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**Abstrak**

Penelitian ini bertujuan untuk mengetahui gambaran umum mengenai *ICT self efficacy*, *technopreneurial learning*, *creativity* dan *technopreneurship intention* siswa, pengaruh *ICT self efficacy* terhadap *technopreneurship intention* pada siswa, bagaimana interaksi antara *technopreneurial learning* dan *ICT self efficacy* terhadap *technopreneurship intention* siswa, bagaimana interaksi antara *creativity* dan *ICT self efficacy* terhadap *technopreneurship intention* siswa. Metode penelitian yang digunakan adalah *survey explanatory* dimana kuesioner sebagai instrumen dan menggunakan skala linkert 1-5 dengan teknik pengumpulan data penyebaran kuesioner sebanyak 217 siswa SMKN di kota Palembang. Teknik Analisis data menggunakan analisis regresi berganda. Hasil penelitian menunjukkan bahwa terdapat pengaruh *ICT self efficacy* terhadap *technopreneurship intention* dimana efeknya positif dan signifikan. Hasil penelitian juga menunjukkan bahwa terdapat interaksi antara *ICT self efficacy* terhadap *technopreneurship intention* yang di moderasi *technopreneurial learning* dan *creativity*.

**Kata kunci :** *ICT self efficacy*, *technopreneurship learning*, *creativity* dan *technopreneurship intention*.

# **THE EFFECT OF ICT SELF EFFICACY ON TECHNOPRENEURSHIP INTENTION MODERATED BY TECHNOPRENEURIAL LEARNING AND CREATIVITY**

**(Survei Pada Siswa SMKN di Kota Palembang)**

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## **Abstract**

This research aims to know the general description of ICT self efficacy, technopreneurial learning, creativity and technopreneurship intention students, the influence of ICT self efficacy against technopreneurship intention on students, how the interaction between technopreneurial learning and ICT self efficacy against technopreneurship intention students, the interaction between creativity and ICT self efficacy against technopreneurship intention students. The research method used is the survey explanatory where the questionnaire as an instrument and use Linkert 1-5 scale with the technical collection of questionnaire spread over 217 SMKN students in Palembang. Teknik analysing data using simple the moderation regression analysis. The results showed that there was an influence of ICT self efficacy on the technopreneurship intention where the effect was positive and significant. The results of the study also showed that there is interaction between ICT self efficacy against technopreneurship intention which is in moderation technopreneurial learning and *creativity*.

**Keywords: ICT self efficacy, technopreneurial learning, creativity and technopreneurship intention.**

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## DAFTAR PUSTAKA

- Ajzen, I. (1991). The theory of planned behavior. *Organizational behavior and human decision processes*, 50(2), 179-211.
- Ajzen, I. (2005). *Attitudes, personality, and behavior*. McGraw-Hill Education (UK).
- Agarwal, R., and Karahanna. (2000). E. "Time Flies when You're having Fun: Cognitive Absorption and Beliefs about Information Technology Usage," *MIS Quarterly* (24:4), pp 665-694
- Amabile, T. M. (1997). Entrepreneurial *Creativity* through motivational synergy. *The Journal of Creative Behavior*, 31(1), 18-26.
- Bandura, A. (1977). Self-efficacy: toward a unifying theory of behavioral change. *Psychological review*, 84(2), 191.
- Barry, M. (2012). *What skills will you need to succeed in the future? Phoenix Forward* (online). Tempe, AZ, University of Phoenix.
- Baron, R. A., Mueller, B. A., & Wolfe, M. T. (2016). *Self-efficacy and entrepreneurs' adoption of unattainable goals: The restraining effects of self-control*. *Journal of Business Venturing*, 31(1), 55-71.
- Basu, A., & Virick, M. (2008). Assessing entrepreneurial intentions amongst students: A comparative study. In *VentureWell. Proceedings of Open, the Annual Conference* (p. 79). National Collegiate Inventors & Innovators Alliance.
- Bates, R. & Khasawneh, S. (2007). Self-efficacy and college students' perceptions and use of online learningsystems. *Computers in Human Behavior*, 23, 1, 175–191.
- Baumol, W. J., Litan, R. E., & Schramm, C. J. (2007). Sustaining entrepreneurial capitalism. *Capitalism and Society*, 2(2).
- Bowen, D. D., & Hisrich, R. D. (1986). The female entrepreneur: A career development perspective. *Academy of management review*, 11(2), 393-407.
- Bilton, C., & Cummings, S. (2010). *Creative strategy: Reconnecting business and innovation* (Vol. 3). John Wiley & Sons.

- Chimucheka, T. (2013). The impact of entrepreneurship education on the establishment and survival of small, micro and medium enterprises (SMMEs). *Journal of Economics*, 4(2), 157-168.
- Cook, A. J., Kerr, G. N., & Moore, K. (2002). Attitudes and intentions towards purchasing GM food. *Journal of Economic Psychology*, 23(5), 557-572.
- Compeau, D. R. & Higgins, C. A. (1995). Computer self-efficacy: development of a measure and initial test. *MIS Quarterly*, 19, 2, 189–211
- Courtois, P. J. (2014). *Decomposability: queueing and computer system applications*. Academic Press.
- Depositario, D. P. T., Aquino, N. A., & Feliciano, K. C. (2011). Entrepreneurial skill development needs of potential agri-based *technopreneurs*. *Journal of ISSAAS [International Society for Southeast Asian Agricultural Sciences](Philippines)*.
- De Spiegelaere, S., Van Gyes, G., De Witte, H., Niesen, W., & Van Hootegeem, G. (2014). On the relation of job insecurity, job autonomy, innovative work behaviour and the mediating effect of work engagement.
- Drost, E., & McGuire, J. (2011). Fostering entrepreneurship among Finnish business students: antecedents of entrepreneurial intent and implications for entrepreneurship education. *International review of entrepreneurship*, 9(2), 83-112.
- Eresia-Eke, C., & Gunda, C. (2015). The entrepreneurial intentions of University of Botswana students. *Problems and Perspectives in Management*, 13(3), 55-65.
- Fatoki, O. (2014). The causes of the failure of new small and medium enterprises in South Africa. *Mediterranean Journal of Social Sciences*, 5(20), 922.
- Fini, R., Grimaldi, R., Marzocchi, G. L., & Sobrero, M. (2009, June). The foundation of entrepreneurial intention. In *Summer conference* (Vol. 7, pp. 17-19).
- Fiet, J. O., & Patel, P. C. (2008). *Entrepreneurial discovery as constrained, systematic search*. *Small Business Economics*, 30(3), 215-229.
- Fishbein, M., & Ajzen, I. (1976). Misconceptions about the Fishbein model: Reflections on a study by Songer-Nocks. *Journal of Experimental Social Psychology*, 12(6), 579-584.

- Fillis, I., & Rentschler, R. (2010). The role of *Creativity* in entrepreneurship. *Journal of enterprising culture*, 18(01), 49-81.
- Frazier, B., Stoel, L., Niehm, L., & Eckerson, N. (2013). Optimism for new business survival in rural communities: An institutional perspective. *Journal of Small Business & Entrepreneurship*, 26(5), 443-462.
- Friedman, M., & Schwartz, A. J. (2008). *A monetary history of the United States, 1867-1960*. Princeton University Press.
- Fraillon, J., Schulz, W., Friedman, T., Ainley, J., & Gebhardt, E. (2015). *ICILS 2013*. Technical Report.
- Garjito, D. (2014). *Berani Berwirausaha*. Yogyakarta: Akmal Publishing.
- Gorman, G., Hanlon, D., & King, W. (1997). Some research perspectives on entrepreneurship education, enterprise education and education for small business management: a ten-year literature review. *International small business journal*, 15(3), 56-77.
- Hall, K. L., Robbins, M. L., Paiva, A., Knott, J. E., Harris, L., & Mattice, B. (2007). Donation intentions among African American college students: decisional balance and self-efficacy measures. *Journal of Behavioral Medicine*, 30(6), 483-495.
- Heinonen, J., & Poikkijoki, S. A. (2006). An entrepreneurial-directed approach to entrepreneurship education: mission impossible?. *Journal of management development*, 25(1), 80-94.
- Henderson, R., & Robertson, M. (2000). Who wants to be an entrepreneur? Young adult attitudes to entrepreneurship as a career. *Career development international*, 5(6), 279-287.
- Herath, H. M. A., & Mahmood, R. (2013). Mediatory effect of entrepreneurial *self efficacy* on the relationship between strategic orientation and SME performance: A research model. *International Academic Research Journal of Business and Management*, 1(8), 1-18.
- Hirst, G., Van Knippenberg, D., & Zhou, J. (2009). A cross-level perspective on employee *Creativity*: Goal orientation, team learning behavior, and individual *Creativity*. *Academy of management journal*, 52(2), 280-293.

- Joe, H., & Xu, J. J. (1996). The estimation method of inference functions for margins for multivariate models.
- Kikcul jill, Lisa K. Gundy, Saulo D. Barbosa, Laney Whitcanaek (2017) Intuition versus Analysis? Testing Differential Models of Cognitive Style on Entrepreneurial Self-Efficacy and the New Venture Creation Process. Vol 33 Issues 22.
- Koe, W. L., Alias, N. E., Ismail, S., & Mahphoth, M. H. (2018). A Suggested Model for Studying *Technopreneurial* Intention in Malaysia. *KnE Social Sciences*, 788-796.
- Kourilsky, M. L., & Walstad, W. B. (1998). Entrepreneurship and female youth: Knowledge, attitudes, gender differences, and educational practices. *Journal of Business venturing*, 13(1), 77-88.
- Krueger Jr., N. F., Reilly, M. D., & Carsrud, A. L. (2000). Competing Models of Entrepreneurial Intentions. *Journal of Business Venturing*, 15(5), 411-432.
- Kusmantini, T. (2011). Analisis Pengaruh E-Readiness Factors terhadap Intensi UKM Adopsi e-Business. Seminar Nasional Kewirausahaan Dan Inovasi Bisnis 1Untar, 46-61.
- Lee, S. M., & Peterson, S. J. (2000). Culture, entrepreneurial orientation, and global competitiveness. *Journal of world business*, 35(4), 401-416.
- Lending, D. & Dillon, T.W. (2007) The effects of confidentiality on nursing self-efficacy with information systems nternational Journal of Healthcare Information Systems and Informatics, 2, 49-64
- Liñán, F., & Chen, Y. W. (2009). Development and cross-cultural application of a specific instrument to measure entrepreneurial intentions. *Entrepreneurship theory and practice*, 33(3), 593-617.
- Luthans, F., & Ibrayeva, E. S. (2006). Entrepreneurial self-efficacy in Central Asian transition economies: quantitative and qualitative analyses. *Journal of International Business Studies*, 37(1), 92-110.
- Marakas, G. M., Yi, M. Y., & Johnson, R. D. (1998). The multilevel and multifaceted character of computer self-efficacy: Toward clarification of the construct and an integrative framework for research. *Information systems research*, 9(2), 126-163.

- Mopangga, H. (2015). Studi Kasus Pengembangan Wirausaha Berbasis Teknologi (*Technopreneurship*) di Provinsi Gorontalo. *Trikonomika*, 14(1), 13-24.
- Morris, M. H., Webb, J. W., Fu, J., & Singhal, S. (2013). A competency-based perspective on entrepreneurship education: conceptual and empirical insights. *Journal of Small Business Management*, 51(3), 352-369.
- Moos, D. C., & Azevedo, R. (2009). Learning with computer-based learning environments: A literature review of computer self-efficacy. *Review of educational research*, 79(2), 576-600.
- Nayati, H. (2019, August). Affecting Factors of *Technopreneurial* Intention toward Younger Generation. In *Annual International Conference of Business and Public Administration (AICoBPA 2018)*. Atlantis Press.
- Nega, B., & Schneider, G. (2014). Social entrepreneurship, microfinance, and economic development in Africa. *Journal of Economic Issues*, 48(2), 367-376.
- NCIIA. 2006. *Invention to Venture: Workshop in Technology Entrepreneurship*. Madison: National Collegiate Inventors and Innovators Alliance.
- Okorie N. N. et al. 2014. *Technopreneurship: An Urgent Need in The Material World for Sustainability in Nigeria*. *European Scientific Journal*, 10(30): 1857-7881.
- Ong, C. S., & Lai, J. Y. (2006). Gender differences in perceptions and relationships among dominants of e-learning acceptance. *Computers in human behavior*, 22(5), 816-829.
- Ono, Suparno et al. 2013. *Peningkatan Intensi Technopreneurship Melalui Workshop Satu Hari*. Prosiding KNIT RAMP-IPB: 131-139.
- Papastergiou, M., Gerodimos, V., & Antoniou, P. (2011). Multimedia blogging in physical education: Effects on student knowledge and ICT self-efficacy. *Computers & Education*, 57(3), 1998-2010.
- Pellino, T. A. (1997). Relationships between patient attitudes, subjective norms, perceived control, and analgesic use following elective orthopedic surgery. *Research in nursing & health*, 20(2), 97-105.

- Pihie, Zaidatul Akmaliah. 2009. *Entrepreneurship as a career choice : An analysis of entrepreneurial self efficacy intention for university students*. European Journal Of social science Vol 9 No 02
- Pihie, Z.A.L. & Bagheri, A. Vocations and Learning (2013) *Self efficacy and Entrepreneurial Intention: The mediation of self regulated*. 6: 385.
- Prasetyo, H., & Sutopo, W. (2017). Perkembangan Keilmuan Teknik Industri Menuju Era. Seminar Dan Konferensi Nasional IDEC 2017, 488–496.
- Rae, D. (2005). Entrepreneurial learning: a narrative-based conceptual model. *Journal of small business and enterprise development*, 12(3), 323-335.
- Rae, D., & Carswell, M. (2001). Towards a conceptual understanding of entrepreneurial learning. *Journal of small business and enterprise development*, 8(2), 150-158.
- Raymond, T. (2016). Industri 4.0: Revolusi Industri Abad Ini dan Pengaruhnya pada Bidang Kesehatan dan Bioteknologi. Research Gate.
- Sadeghi, M., Mohammadi, M., Nosrati, M., & Malekian, K. (2013). The role of entrepreneurial environments in university students entrepreneurial intention. *World Applied Programming*, 3(8), 361-366.
- Sáinz, M., & Eccles, J. (2012). Self-concept of computer and math ability: Gender implications across time and within ICT studies. *Journal of Vocational Behavior*, 80(2), 486-499.
- Samuel, Y. A., Ernest, K., & Awuah, J. B. (2013). An assessment of entrepreneurship intention among Sunyani Polytechnic Marketing students. *International Review of Management and Marketing*, 3(1), 37-49.
- Scarborough, N. M., Zimmerer, T. W., & Wilson, D. L. (2006). *Effective small business management: An entrepreneurial approach*. Upper Saddle River, NJ: Prentice Hall.
- Scherer, R. F., Adams, J. S., Carley, S. S., & Wiebe, F. A. (1989). Role model performance effects on development of entrepreneurial career preference. *Entrepreneurship theory and practice*, 13(3), 53-72.
- Sekaran, U. (2006). *Research methods for business: A skill building approach* Wiley-India.



- Shane, S., & Venkataraman, S. (2000). The promise of entrepreneurship as a field of research. *Academy of management review*, 25(1), 217-226.
- Shane, S. (2009). Why encouraging more people to become entrepreneurs is bad public policy. *Small Business Economics*, 33(2), 141–149.
- Shirokova, G., Osiyevskyy, O., & Bogatyreva, K. (2016). Exploring the intention–behavior link in student entrepreneurship: Moderating effects of individual and environmental characteristics. *European Management Journal*, 34(4), 386-399.
- Tondeur, J., Aesaert, K., Pynoo, B., van Braak, J., Fraeyman, N., & Erstad, O. (2017). Developing a validated instrument to measure preservice teachers' ICT competencies: Meeting the demands of the 21st century. *British Journal of Educational Technology*, 48(2), 462-472.
- Thébaud, S. (2010). Gender and entrepreneurship as a career choice: do self-assessments of ability matter?. *Social Psychology Quarterly*, 73(3), 288-304.
- Tessema Gerba, D. (2012). Impact of entrepreneurship education on entrepreneurial intentions of business and engineering students in Ethiopia. *African Journal of Economic and Management Studies*, 3(2), 258-277.
- Torkzadeh, G., Chang, J. C. J., & Demirhan, D. (2006). A contingency model of computer and Internet self-efficacy. *Information & Management*, 43(4), 541-550.
- Turker, D., & Sonmez Selçuk, S. (2009). Which factors affect entrepreneurial intention of university students?. *Journal of European industrial training*, 33(2), 142-159.
- Ulhøi, J. P. (2005). The social dimensions of entrepreneurship. *Technovation*, 25(8), 939-946.
- Van den Broeck, A., Schreurs, B., De Witte, H., Vansteenkiste, M., Germeys, F., & Schaufeli, W. (2011). Understanding workaholics' motivations: A self-determination perspective. *Applied Psychology*, 60(4), 600-621.
- Wagner, T. 2010. *Overcoming The Global Achievement Gap*(online). Cambridge, Mass., Harvard University

- Wang, C. K., & Wong, P. K. (2004). Entrepreneurial interest of university students in Singapore. *Technovation*, 24(2), 163-172.
- Watson, A., Dada, O., Wright, O., & Perrigot, R. (2019). Entrepreneurial orientation rhetoric in franchise organizations: The impact of national culture. *Entrepreneurship Theory and Practice*, 43(4), 751-772.
- Wibowo, M. A., & Putra, Y. S. (2019). Pengaruh Entrepreneurial Competencies Terhadap Keunggulan Bersaing Serta Implikasinya Terhadap Kinerja Wirausaha (Studi Kasus pada Usaha Konveksi KUBE “Maju Bersama” Kota Salatiga). *ProBank*, 4(1), 27-36.
- Windiyasari (2015) *Faktor Faktor Yang Menghambat Intensi Berwirausaha Siswa Kelas XII Kompetensi Keahlian Administrasi Perkantoran SMK Muhammadiyah II Bantul*.
- Yeh, F. H., Tsay, H. S., & Liang, S. H. (2008). Human computer interface and optimized electro-mechanical design for Chinese Braille display. *Mechanism and Machine Theory*, 43(12), 1495-1518.
- Zhao Hao, Scott E. Seibert, GT. Lumpkin. 2009. the relationship of personality to entrepreneurial intention performance : A meta analytic review. *The journal of management* vol 36 issues 9.
- Zubaidah, S. (2016). Keterampilan Abad Ke-21 : Keterampilan Yang Diajarkan. *Seminar Nasional Pendidikan Dengan Tema “Isu-Isu Strategis Pembelajaran MIPA Abad 21*, (December 2016), 1–17.
- Zulkosky, K. (2009, April). Self-efficacy: a concept analysis. In *Nursing Forum* (Vol. 44, No. 2, pp. 93-102). Malden, USA: Blackwell Publishing Inc.

## **BUKU**

- Acs, Z., Szerb, L., Lafuente, E., & Lloyd, A. (2018). *Global Entrepreneurship and Development Index 2018*. Springer International Publishing.
- Abdul Gani, Dedeng. (2009). *Technopreneurship*. Program Pascasarjana Fakultas Ekonomi Universitas Padjajaran Bandung.
- Ajzen, Icek. (2005). *Attitudes, Personality, and Behavior*. UK: McGraw - Hill Education.
- Arifin, A. H. N. B., & Suef, M. (2007). *Entrepreneurship Membangun Spirit Teknopreneurship*. Yogyakarta: Andy Offset.

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- Arikunto, Suharsimi. (2010). *Prosedur Penelitian: Suatu Pendekatan Praktik*. Jakarta: Rineka Cipta.
- Bandura. (2005). Efikasi diri *Beliefs of Adolescents*. US: IAP-Information Age Publishing, Inc. Buchari, Alma. (2010). *Kewirausahaan*. Bandung: Alfabeta.
- Ferdinan, Augusty. (2002). *Metode Penelitian Manajemen. Pedoman Penelitian untuk Penulisan Skripsi, Tesis, dan Disertasi Ilmu Manajemen*. Semarang: Universitas Diponegoro.
- Ghozali, Imam. (2013). *Aplikasi Analisis Multivariate dengan Program IBM SPSS 21 Update PLS Regresi*. Semarang: Badan Penerbit Universitas Diponegoro.
- Hendro. (2011). *Be Smart & Good Entrepreneur*. Yogyakarta: Media Presindo.
- Hermawan, A. (2006). *Penelitian Bisnis Paradigma Kuantitatif*. Jakarta: PT Grasindo.
- Hisrich, R. D., et al. (2008). *Entrepreneurship. Edisi 7*. Jakarta: Salemba Empat.
- Kolb, D. A. (2014). *Experiential Learning: Experience as the Source of Learning and Development*. FT Press.
- Rohmana, Yana (2010). *Ekonometrika Teori dan Aplikasidengan Eviews*. Bandung: Laboratorium Pendidikan Ekonomi dan Koperasi.
- Sekaran, Uma. (2003). *Research Methods for Business: A Skill-Building Approach* (4th ed.). England: John Wiley & Sons, Inc. Soegoto, E. S. (2013). *Entrepreneurship Menjadi Pebisnis Ulung*. Elex Media Komputindo.
- Suherman, Eman. (2010). *Desain Pembelajaran Kewirausahaan*. Bandung: Alfa Beta.
- Suryana, Yuyus, & Bayu, K. (2010). *Kewirausahaan: Pendekatan Karakteristik Wirausahawan Sukses. Edisi Kedua*. Kencana Jakarta: Prenada Media Group.
- Suryana. (2013). *Entrepreneurship: Tips and Processes for Success. 4th Edition*. Jakarta: Salemba Empat.

Suwatno, P. Doni.(2016). *Manajemen Sumber Daya Manusia dalam Organisasi Publik dan Bisnis*. Bandung : Alfabeta.