

DAFTAR PUSTAKA

- Arens, Alvin A., Elder, Randal J. & Beasley, Mark S., 2012, *Auditing and Assurance Service, Fourteenth Edition*, Pearson Education Limited, England.
- Arif, Lina Farida & Putra, Iwan Setya, 2016, Peranan Audit Internal Untuk Menunjang Efektifitas Pengendalian Internal Persediaan Obat- Obatan Pada Rumah Sakit Umum Aminah Blitar, *Jurnal Riset Mahasiswa Ekenomi (RITMIK)*, Vol.3, No.1, 43-59.
- Bakhtiar S, Suharto Tahir & Ria Asysyfa Hasni, 2013, Analisa Pengendalian Kualitas dengan Menggunakan Metode Statistical Quality Control (SQC) (Studi kasus: pada UD. Mestika Tapaktuan), *Jurnal Teknik Industri*, 2 (1): 29- 36.
- Berdigaliyev, N. & Aljofan, M., 2020, An Overmelihat of Drug Discovery and Development Future Med, *Chem*, 12 (10): 939-947.
- Berger, 2016, *Whitepaper Summary: skill Development for Industry 4.0*. Roland Berger GMBH, BRICS Skil Development Working Group, 1-50, India Section.
- BPOM, 2011, *Peraturan Kepala Badan Pengawas Obat Dan Makanan Republik Indonesia Nomor Hk.03.1.23.06.11.5629 Tahun 2011 Tentang Persyaratan Teknis Cara Pembuatan Obat Tradisional Yang Baik*, Badan Pengawas Obat Dan Makanan Republik Indonesia, Jakarta.
- BPOM, 2021, *Peraturan Kepala Badan Pengawas Obat Dan Makanan Republik Indonesia Nomor 25 Tahun 2021 Tentang Penerapan Cara Pembuatan Obat Tradisional Yang Baik*, Badan Pengawas Obat Dan Makanan Republik Indonesia, Jakarta.
- Cotet, G.B. Svennsson, R.B., Aurum, A., 2015, On the Journey to Continous Deployment: Technical and Social Challenges Along the Way. *Inf. Software Technol* 57: 21-31.
- Danysz, K., Cicirello, S., Mingle, E., Assuncao, B., Tetarenko, N., Mockute, R., Abatemarco, D., Widdowson, M., Desai, S., 2019, Artificial Intelligence and the Future of the Drug Safety Professional, *Drug Saf* 42 (4): 491-497.
- De Campos Martins, F., Simon, A.T., &de Campos, R.S., 2020, Supply Chain 4.0 Challenges, *Gestao Producao* 27(3).
- Di Fabio, A., 2014, Intrapreneurial Self-Capital: A New Construct For The 21st Century, *J. Employ, Counsel* 51 (3): 98-111.
- Esni, 2017, Penerapan Teknologi Informasi di Industri Farmasi, *Majalah Farmasetika*, e-ISSN : 2528-0031 Vol. 2 No.2.
- Fitsilis, P., Tsoutsas, P., &Gerogiannis, V., 2018, Industry 4.0: Required Personnel Competence. *Industry 4.0* 3(3): 130-133.
- Flynn, A., 2019, Using Artificial Intelligence in Health-System Pharmacy Practice: Finding New Pattern That Matter, *Am, J. Health System, Pharma*. 76 (9): 622-627.

- GAMP5, 2022, *Risk-Based Approach to Compliant GxP Computerized Systems*, Internasional Society for Pharmaceutical Engineering (ISPE), Fifth Guide, 2 nd Edition.
- Garay-Rondero, C.L., Martinez-Flores, J.L., Smith, N.R., Caballero Morales, S.O., & Aldrette-Malacara, A., 2019, Digital Supply Chain Model in Industry 4.0, *J.Manuf. Technol*, Manag 31(5).
- Garcia, A.G., Pinto-Carral, A., Villorejo, J.S., & Marques-Sanchez, P., 2020, Nurse manager Core Competencies: A Proposal in the Spanish Health System, *Int. J. Environ. Res. Publ. Health*: 17(9).
- Harihayati, Tati & Widiati, Utami Dewi, 2018, Analisis Technical Risk Terhadap Pengembangan Sistem Informasi/Teknologi Informasi (SI/TI) Pada Perusahaan, *Majalah Ilmiah UNIKOM* Vol. 16: No. 2 Hal 155-162.
- Hemant Kumar, S., talasila, D., Gowrav, M.P., & Gangadharappa, H.V., 2020. Adaptations of Pharma 4.0 from Industry 4.0, *Drug Invent*: 14(3).
- Hernawati, A. & Nurbayani, S., 2018, The Importance of Critical Thinking to Face Global Challenges in the Era of Industry 4.0 Through Social Studies, In: *The 3rd Internasional Seminar on Social Studies and History Education (ISSSHE)*, 155-166.
- Kim, K.T., 2019, The Sctructural Relationship Among Digital Literacy, Learning Strategis, and Core Competencies Among South Korean College Student, *Educ. Sci. Theor. Pract* 19(2).
- Kumat, Valery, G. 2011. *Internal Audit*. Jakarta: Erlangga.
- Marneros, S., Papageorgiou, G., & Efstathiades, A., 2021, Examining the Core Competencies for Success in the Hotel Industry: The Case of Cyprus, *J. Hospit, Leisure Sports Toutism Educ*, 28.
- Mulder, N., Schwartz, R., Brazas, M.D., Brooksbank, C., Gaeta, B., Morgan, S.L., Pauley, M.A., Rosenwald, A., Rustici, G., Sierk, M., Warnow, T., & Welch, L., 2018, The Development and Application of Bioinformatics Core Competences to Improve Bioinformatocs Training and Education, *PLoS Comput. Biol* 14(2): 1-14.
- Mulyani, Sri., 2016, *Metode Analisis dan Perancangan Sistem*, Abdi Sistemika, Bandung.
- Muslihudin, Muhammad & Oktafianto, 2016, *Analisis dan Perancangan Sistem Informasi Menggunakan Model Terstruktur dan UML*, Yogyakarta.
- PharmOut, 2021, *White Paper: Computer System Validation*, Burwood East, Victoria.
- Pirola, F., Cimini, C., & Pinto R., 2020, Digital Readiness Assessment of Italian SMEs: A Case-Study Research, *J.Manuf.Technol. Manag* 31 (5): 1045-1083.
- Prakosa, Surya, Rachmat, Haris, Atmaja, & Denny Sukma Eka, 2015, Perancangan User Requirement Specification (URS) Sistem Otomatisasi Pada Stasiun Kerja Pelayuan di PT. Perkebunan Nusantara VIII Kebun Ciater, *Jurnal e-Proceeding of Engineering*, ISSN : 2355-9365 Vol 2. No.1.
- Putera, Fajar Ramadhitya, 2019, Pengawasan Mutu Ternyata Dimulai dari Tingkat Sel, *Majalah Farmasetika*, 4(1), 22-24.

- Samaranayake, P., Ramanathan, K., & Laosirihongthong, T., 2018, Implementating in 4.0 – A Technological Readiness Perspective, *In: IEEE Internasional Conference on Industrial Engineering and Engineering management*: 529-533.
- Smith, S., 2018, 28 Pharma Companies Using Artificial Intelligence in Drug Discovery, *BenchSci* 1-14.
- Sugiyono, 2016, *Metode Penelitian Kuantitatif, Kualitatif dan R&D*, Cetakan ke-24, Alfabeta, Bandung.
- Swannaprom, P., Suttajit, S., Eakanunkul, S., Supapaan, T., Kessomboon, N., Udomaksorn, K., & Sakulbumrungsil, R., 2020, Development of Pharmacy Competency Framework For The Changing Demands of Thailand's Pharmaceutical and Health Services, *Pharma. Pract.* (Granada) 18 (4): 1-11.
- Taylor, D., 2016, The Pharmaceutical Industry and The Future of Drug Development. *Issues Environ, Sci, Technol.*
- Tunggal. Widjaja. 2012. *Pedoman Pokok Audit Internal*. Harvarindo: Jakarta.
- Vrchota, J., Pech, M., 2019, Readiness of Enterprises in Czech Republic to Implement Industry 4.0: Indeks of Industry 4.0, *Appl. Sci.*
- Zhang, L., Mau, S., 2017, Application of Quality by Design in The Current Drug Development, *Asian J. Pharma. Sci.*