

DAFTAR PUSTAKA

- Abbitt, J.T. (2011). An Investigation of the Relationship between Self-Efficacy Belief about Technology Intergration and Technologi Pedagogical Content Knowledge (TPaCK) among Preservice Teachers Eduaction of digital Learning in Teacher Eduaction, 27:4, 134-143, DOI:10.1080/21532974.2011.10784670.
- Ahmad, Abu & Tri Prasetyo, Joko (1997). *Strategi Belajar Mengajar*. Bandung: CV. Pustaka Setia. Cet I
- Aka, Kukuh Andri. (2014). Pengembangan Multimedia Interaktif Pada Pembelajaran Pendidikan Kewarganegaraan (PKn) Berorientasi Strategi Pembelajaran. Kedungkandang Kota Malang. Disertasi dan Tesis Program Pascasarjana UM.
- Arief S. Sadiman (2002). *Media Pembelajaran dan Proses Belajar Mengajar, Pengertian, Pengembangan dan Pemanfaatannya*. Jakarta: Graha Grafindo Persada
- Arsyad & Azhar (2011). *Media Pembelajaran*. Jakarta: PT. Raja Grafindo Persada
- Balulu, N. & Husnin. M., (2006). Pengembangan Perangkat Pembelajaran berbasis TIK melalui pemanfaatan *virtual laboratory PhET* Simulation pada guru-guru IPA SMP/MTs di Maluku Utara.
- Djamarah & Aswan Zain. 2010. *Strategi Belajar Mengajar*. Jakarta: PT Rineka Putra
- Depdiknas. (2003). *Media Pembelajaran*, Jakarta: Depdiknas
- Finger, G., & Houguet, B. (2009). Insight into the intrinsic and extrinsic challenges for implementing technology education: Case studies of Queensland teacher. *International Journal of Technology and Design Education*, 19, 309-334.
- Ferdig, R. E. (2006). Assessing technologies for teaching and learning: Understanding the importance of technological pedagogical content knowledge. *British Journal of Educational Technology*, 37, 749-760.
- Faisal, Sanapiah. 1990. Penelitian Kualitatif (dasar-dasar dan aplikasi). Malang: Ya3 Malang.
- Herman dwi surjono, pemanfaatan teknologi informasi dan komunikasi dalam peningkatan kualitas pembelajaran, Makalah, disajikan seminar mgmp terpadu SMP/MTs Kota Magelang (2010).
- Hurd, P.D. (1998). Scientific Literacy: *New Minds for a Changing World*. *Science Education*, 82(3), 407.

- Hennessy, S., Ruthven, K., & Brindley, S. (2005). Teacher perspectives on intergrating ICT into subject teaching: commitment, constraint, caution, and change. *Journal of Curriculum Studies*, 37(2),155-192.
- Harris, J., Mishra, P dan Koehler, M. “ Teacher’s Technological Pedagogical Content Knowledge and Learning Activities Types: Curriculumbased Technology Integration Reframed”, *Journal of Research on Technology in Education*, Vol 4 No. 4, (2009) h.393-416.
- Hamzah, Mahizer. (2016). Primary Science Teachers’ Perception of Technology Pedagogical and Content Knowledge (TPaCK) in Malaysia. *European Journal of Social Sciences Education and Research*. 6.167-179. 10.26417/ejser.v6i2.p. 167-179.
- Hamalik Oemar (2008). *Manajemen Pengembangan Kurikulum*. Bandung: Remaja Rosdakarya.
- Iriantara, Y & Syaribudin, U (2013). *Komunikasi Pendidikan*. Bandung: Simbiosis Rekatam Media
- Jones, A., Harlow, A., & Cowie, B. (2004). New Zealand teachers’ experiences in implementing the technology curriculum. *International Journal of Technology and Design Education*, 14 (2), 101-119.
- Janawi. 2011. *Kompetensi Guru Citra Guru Profesional*. Bangka Belitung: Shidiq Press.
- Khairi, H (2017). *Dinamika Pelaksanaan Urusan di Bidang Persandian Pemerintah Daerah*. <https://books.google.co.id>
- Kunandar. (2014). *Penilaian Autentik. Penilaian Hasil Belajar Peserta Didik Berdasarkan Kurikulum 2013. Suatu Pendekatan Praktis*. Jakarta: Rajawali Pers.
- Kemendiknas. 2010. *Pedoman Pelaksanaan Penilaian Kinerja Guru (PK)*. Jakarta: Dirjen Peningkatan Mutu Pendidik dan Tenaga Kependidikan.
- Koehler, M. J., Mishra, P., Bouck, E. C., De Schryer, M., Kereluik, K., & Shin, S. B. “Deep-play: Developing TPACK for 21st century teachers”, *International Journal for Learning Technology*, Vol. 6 No. 2 (2011) h.149.
- Koehler, M. J., & Mishra, P. (2005). What happens when teachers design educational of technological pedagogical content knowledge. *Journal of Education Computing Research*, 32,131-152.
- Kocoglu, Z. (2009). *Exploring The Technological Pedagogical Content Knowledge of Pre-service Teachers in Language Education*. Dalam

Procedia Social and Science [Online], Vol. 1 (2734-2737).
DOI:10.1016/j.sbspro.2009.01.485.

- Kristiawan, M.dkk. (2017). *Manajemen Pendidikan*. Yogyakarta: Deepublish.
- Koehler, M. J., & Mishra, P. *What is technological pedagogical content knowledge? Contemporary Issues in Technology and Teacher Education*. 9(1). (2009), h.63, mengutip Shulman, L.,S., “ Those Who Understand, Knowledge Growth in Teaching,” *Educational Researcher*, Vol. 15 No.2 (1986) h.9.
- Koehler, M. J., & Mishra, P. *What is technological pedagogic content knowledge? Contemporary Issues in Technological and Teacher Education*, 9(1)(2009),h.64, mengutip Shulman, L., S., “Those Who Understand, Knowledge Growth in Teaching”, *Education Researcher*, Vol. 15 No. 2 (1986) h.9.
- Keong, C. C., Horani, S., & Daniel, J. (2005). A Study on the Use of ICT in Mathematics Teaching. *Malaysian Online Journal of Instructional Technology (MOJIT)*, 2(3), 43-51.
- Karahasan. (2016). Preservice Secondary Mathematics Teachers “*Pedagogical Content Knowledge of Composite And Inverse Functions*. Doctoral Dissertation., Secondary Science and Mathematics Education Department, Middle East Technical University: Turki.
- Koehler, M.J & Mishra, P. (2008). Introducing technological pedagogical content knowledge. In AACTE Committee on Innovation and Technology (Eds), *Handbook of technological pedagogical content knowledge for teaching and teacher educators*, 3-29. New York: Routledge
- Lincoln. Yvonna S. and Guba, Egon G. 1985. *Naturalistic Inquiri*. Sage Publication, Inc
- Mishra, P., & Koehler, M.J. (2006). Technological Pedagogical Content Knowledge: A framework for teacher knowledge. *Teachers College Record*, 108(6), 1017-1054.doi: 10.1111/j.1467-9620.2006.00684.x.
- Margerum-Leys, J., & Marx, R. W. (2002). Teacher knowledge of educational technology: A case study of student/mentor teacher pairs. *Journal of Educational Computing Research*, 26(4), 427-462.
- Miarso, Y. (2004). *Menyemai Benih Teknologi Pendidikan*. Jakarta: Prenada Media dan Pustekom Diknas.
- Maryati & Widodo,E. (2014). Analisis Pedagogic Content Knowledge (PCK) Terhadap Buku Pegangan Guru IPA SMP/MTs Kelas VII Pada Impelementasi Kurikulum 2013.

- Nasution S & Hamzah Syaiful (2018). “ Pentingnya Literasi Teknologi Bagi Mahasiswa Calon Guru Matematika” *JKPM: Jurnal Kajian Pembelajaran Matematika* vol.2 no.1 April 2018,pp 14-18
- Prabowo. (2011). *Metodologi penelitian (Sains dan Pendidikan Sains)*. Penerbit Unesa University Press. Surabaya.
- Permendiknas No.16 Tahun 2007. *Standar Kualifikasi Akademik dan Kompetensi Guru*. BNSP. 2007
- Purwianingsih, W. 2011. *Pengembangan Program Pembekalan Pedagogical Content Knowledge (PCK) Bioteknologi Melalui Perkuliahan Kapita Selekt Biologi*. Tesis. Universitas Pendidikan Indonesia, Bandung.<http://repository.upi.edu/7533/>. Di akses tanggal 10 Desember 2017
- Peraturan Pemerintah No.74. 2008. *Kompetensi Pedagogik*.
- Peraturan Menteri Pendidikan Nasional Republik Indonesia Nomor 16 Tahun 2007 tentang Standar Kualifikasi Akademik dan Kompetensi Guru.
- Peraturan Presiden Nomor 131/2005 Tahun 2015.
- Polly, D., Mims, C., Shephed, C. E. & Inan, F. (2010). Evidence of impact: Transforming teacher education with preparing tomorrow’s teachers to teach with technology (PT3) grants. *Teaching and Teacher Education: An International Journal of Research and Studies*, 26(4), 863-870. Elsevier Ltd. Retrieved May 25, 2019.
- Prayitno, (1999). *Panduan Kegiatan Pengawasan Bimbingan dan Konseling di sekolah*. Jakarta: PT. Rineka Cipta
- Rosenberg, (2001). *Pemanfaatan Multimedia dalam Pendidikan*. Newyork: Addison Wesley Longman
- Raiser, R & Gagne, R.M. 2008. The selection of Media for Instruction. *Englewood Cliffs, Nj. Educational Technological*, 10(1), 33-44.
- Rimang & Siti Suwadah (2011). *Meraih Predikat Guru dan Dosen Paripurna*. Bandung: CV Alfabeta
- Rajsekhar. (2013). *The Role of Infromation and Communication Technology in Teacher in India: A Study*.
- Robinson, P. (2011). Task-based learnig:A review of issue. *Language Learning*. Tokyo:A Journal of research in language studies, 61(s1), 1-36
- Sintawati, M. (2017). “ Pentingnya *Technological Pedagogical Content Knowledge (TPACK)* Guru di Era Revolusi Industri 4.0” hal. 418-420

- Situmorang Robinson, (2013). *Pembelajaran Berbasis Teknologi Informasi dan Komunikasi*. Jakarta: Penerbit Kencana Prenada Media Group.
- Sudjana N & Ahmad Rivai, (2001). *Media Pengajaran*. Bandung: Sinar Baru Algensindo.
- Sukaesih, S., Ridlo, S., & Saptono, S., 2017. “ Analisis kemampuan *techonological pedagogical and content knowledge (TPACK)* calon guru pada mata kuliah PP Bio”. SNPS. <https://jurnal.fkip.uns.ac.id/index.php/snps/artikel/view/11392>.
- Schmidt, D. A., E. Baran, A. D. Thompson, P. Mishra, M. J. Koehler, dan T. S. Shin. “Technological Pedagogic Content Knowledge (TPACK): The Development and Validation of an Assessment Instrument for Preservice Teachers”, *Journal of Research on Technological in Education*, Vol. 42. No. 2 (2009) h.125.
- Sumanto,Joko., Mohamad Masykuri & Sarwanto. “Analisis kemampuan *techonoligcal pedagogical and content knowledge (TPACK)* guru Biologi SMA dalam menyusun Perangkat Pembelajaran materi sistem peredaran darah”. *INKURI: Jurnal Pendidikan IPA*. Vol. 9 No. 1. (2020), h. 46 – 57: DOI: [10.20961/inkuiri.v9il.41381](https://doi.org/10.20961/inkuiri.v9il.41381).
- Schoen, L., & Fusarell, L. (2008). Innovation, NCLB, and the fear factor: the challenge of leading schools in the 21st century. *Education Researcher*, 15(2),4-14.
- Sadiman. 2002. *Pengertian Media Pembelajaran*. <https://forum.upi.edu/v3/index.php/topic/15693.0>
- Saheartian P. A (1985). *Dimensi Administrasi Pendidikan*. Surabaya: Usaha Nasional.
- Trianto. (2010). *Mendesain Model Penyajian Materi*.Yogyakarta: Liberty
- Trianto. (2011). *Pengantar Penelitian Bagi Pengembangan Profesi Pendidikan dan Tenaga Kependidikan*. Jakarta: Kencana
- Usman. Nasir. (2012). *Manajemen Peningkatan Mutu Kinerja Guru (konsep,teori dan model)*. Bandung: Cita Pustaka
- UNESCO. 2010. *Informasi and Communication Technology in Education: A Curriculum for Schools and Programme of Teacher Developmant*. Paris France.
- Wandani N & Nasution S (2017). “ Pengembangan Multimedia Interaktif dengan Autoplay Media Studio Pada Materi Kedudukan Relatif Dua Lingkaran.” *Jurnal Kajian Pembelajaran Matematika, Vol 1(2), hal. 90-95*