

## DAFTAR PUSTAKA

- Abdullah, I.I., Jamal, N.F., Rahman, A.A., Razak, S.A. & Talkis, N.A. 2021, ‘Enhanced Gamification in Study Skills’, *i-JaMCSIIX*, pp. 27–30.
- Abidah, A., Hidaayatullaah, H.N., Simamora, R.M., Fehabutar, D. & Mutakinati, L. 2020, ‘The Impact of Covid-19 to Indonesian Education and Its Relation to the Philosophy of “Merdeka Belajar”’, *Studies in Philosophy of Science and Education*, vol. 1, no. 1, pp. 38–49.
- Adams, N.E. 2015, ‘Bloom’s taxonomy of cognitive learning objectives’, *Journal of the Medical Library Association*, vol. 103, no. 3, pp. 152–3.
- Akkartal, E., Akkartal, G.R. & Barooti, A. 2019, ‘Gamification Methods for Teaching Logistics and Supply Chain Management’, *Eurasian Business & Economics Journal*, vol. 17, pp. 53–71.
- Alshammari, M.T. 2019, ‘Design and Learning Effectiveness Evaluation of Gamification in e-Learning Systems’, *International Journal of Advanced Computer Science and Applications*, vol. 10, no. 9, pp. 204–8.
- Alwi, I. 2015, ‘Kriteria Empirik dalam Menentukan Ukuran Sampel Pada Pengujian Hipotesis Statistika dan Analisis Butir’, *Formatif: Jurnal Ilmiah Pendidikan MIPA*, vol. 2, no. 2, pp. 140–8.
- Amalia, D.F. 2020, ‘Quizizz Website as an Online Assessment for English Teaching and Learning: Students’ Perspectives’, *Jo-ELT (Journal of English Language Teaching) Fakultas Pendidikan Bahasa & Seni Prodi Pendidikan Bahasa Inggris IKIP*, vol. 7, no. 1, p. 1.
- Amanda, L., Yanuar, F. & Devianto, D. 2019, ‘Uji Validitas dan Reliabilitas Tingkat Partisipasi Politik Masyarakat Kota Padang’, *Jurnal Matematika UNAND*, vol. 8, no. 1, p. 179.
- Amelia, D., Susanto, S. & Fatahillah, A. 2016, ‘Analisis Hasil Belajar Matematika Siswa Pada Pokok Bahasan Himpunan Berdasarkan Ranah Kognitif Taksonomi Bloom Kelas VII-A di SMPN 14 Jember’, *Jurnal Edukasi*, vol. 2, no. 1, pp. 1–4.
- Anugraheni, I. 2017, ‘PENGGUNAAN PORTOFOLIO DALAM PERKULIAHAN PENILAIAN PEMBELAJARAN’, *Jurnal Pendidikan Dasar PerKhasa*, vol. 3, no. 1, pp. 246–58.
- Ardiana, D.P.Y., Widyastuti, A., Susanti, S.S., Halim, N.M., Herlina, E.S., Nugroho, D.Y., Fitria, D., Veryawan & Yuniwati, I. 2021, *Metode Pembelajaran Guru*, 1st edn, Yayasan Kita Menulis, Medan.
- Arum, D.R. 2014, ‘Penerapan Metode Pembelajaran Studi Kasus Berbantuan Modul Untuk Meningkatkan Keterampilan Berpikir Kritis’, *Chemistry in Education*, vol. 3, no. 2, pp. 174–84.
- Ayu Dwi Chandra Yadnya Sari, D., Wijaya, D. & Purwandari, R. 2017, ‘Hubungan Persepsi Mahasiswa tentang Profesi Keperawatan dengan Motivasi Melanjutkan Pendidikan Profesi Ners di PSIK Universitas Jember’, *e-Jurnal Pustaka Kesehatan*, vol. 5, no. 3, pp. 505–12.
- Azmi, M.A. & Singh, D. 2015, ‘Schoolcube: Gamification for Learning Management System through Microsoft SharePoint’, *International Journal of Computer Games Technology*, vol. 2015, pp. 1–5.
- Basuki, Y. & Hidayati, Y. 2019, ‘Kahoot! or Quizizz: the Students’ Perspectives’, *Proceedings of the Proceedings of the 3rd English Language and Literature*

- International Conference, ELLiC, 27th April 2019, Semarang, Indonesia*, EAI.
- Basumerda, C. & Sunarto, N.N. 2019, ‘Analisis Beban Kerja Karyawan Dengan Menggunakan Metode Swat Dan Nasa-Tlx (Studi Kasus Di Pt Lg Electronic Indonesia)’, *Matrik*, vol. 20, no. 1, pp. 13–24.
- Bernik, A., Bubas, G. & Radosevic, D. 2018, ‘Measurement of the effects of e-learning courses gamification on motivation and satisfaction of students’, *2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2018 - Proceedings*, pp. 806–11.
- Bicen, H. & Kocakoyun, S. 2018, ‘Perceptions of students for gamification approach: Kahoot as a case study’, *International Journal of Emerging Technologies in Learning*, vol. 13, no. 2, pp. 72–93.
- Buma, A.M. 2018, ‘Reflections of Science Teachers in a Professional Development Intervention to Improve their Ability to Teach for the Affective Domain’, *African Journal of Research in Mathematics, Science and Technology Education*, vol. 22, no. 1, pp. 103–13.
- Çeker, E. & Özdamli, F. 2017, ‘What “gamification” is and what it’s not’, *European Journal of Contemporary Education*, vol. 6, no. 2, pp. 221–8.
- Chen, Y., Yan, S. & Tran, C.C. 2019, ‘Comprehensive evaluation method for user interface design in nuclear power plant based on mental workload’, *Nuclear Engineering and Technology*, vol. 51, no. 2, pp. 453–62.
- Choudhury, H. 2016, ‘Features Based Comparison and Evaluation of E- learning Platform in Academic Environment’, *International Journal of Digital Application & Contemporary Research*, vol. 4, no. 6, pp. 1–7.
- Chusna, N.L.U. 2019, ‘Pembelajaran E-Learning’, *Prosiding Seminar Nasional Pendidikan KALUNI*, vol. 2, LPPM Universitas Indraprasta PGRI, Jakarta, pp. 113–7.
- Dewi, N.F. 2020, ‘Identifikasi Risiko Ergonomi dengan Metode Nordic Body Map Terhadap Perawat Poli RS X’, *Jurnal Sosial Humaniora Terapan*, vol. 2, no. 2, pp. 125–34.
- Dewi, N.N.A.K. 2018, ‘Perbaikan Metode Kerja Untuk Mengurangi Beban Kerja Fisik Dan Mental Operator Di CV. “ED” Aluminium’, *Skripsi*, UNIVERSITAS ATMA JAYA YOGYAKARTA.
- Diniaty, D. & Mulyadi, Z. 2016, ‘Analisis Beban Kerja Fisik Dan Mental Karyawan Lantai Produksi Dpt Pesona Laut Kuning’, *Jurnal Sains, Teknologi, dan Industri*, vol. 13, no. 2, pp. 203–10.
- Dwi, M. 2020, ‘Pemanfaatan Teknologi Pendidikan Di Masa Pandemi Covid-19: Penggunaan Fitur Gamifikasi Daring Di Universitas Muhammadiyah Pringsewu Lampung’, *Al-Jahiz: Journal of Biology Education Research*, vol. 1, no. 1, p. 14.
- Effendi, R. 2017, ‘Konsep Revisi Taksonomi Bloom Dan Implementasinya Pada Pelajaran Matematika Smp’, *JIPMat*, vol. 2, no. 1.
- Elford, D., Lancaster, S.J. & Jones, G.A. 2022, ‘Exploring the Effect of Augmented Reality on Cognitive Load, Attitude, Spatial Ability, and Stereochemical Perception’, *Journal of Science Education and Technology*, vol. 31, no. 3, pp. 322–39.
- Ermawati, N. & Delima, Z.M. 2016, ‘PENGARUH PERSEPSI KEMUDAHAN PENGGUNAAN, PERSEPSI KEGUNAAN, dan PENGALAMAN

- TERHADAP MINAT WAJIB PAJAK MENGGUNAKAN SISTEM E-FILING (Studi Kasus Wajib Pajak Orang Pribadi Di Kabupaten Pati)', *Jurnal Akuntansi Indonesia*, vol. 5, no. 2, p. 163.
- Febiyani, A., Febriani, A. & Ma'sum, J. 2021, 'Calculation of mental load from e-learning student with NASA TLX and SOFI method', *Jurnal Sistem dan Manajemen Industri*, vol. 5, no. 1, pp. 35–42.
- Febrian, A., Imran, R.A. & Syahrullah, Y. 2021, 'Analisis Beban Kerja Mental Perkuliahan Daring Mahasiswa Teknik Industri Unsoed Dengan Metode SWAT dan NASA-TLX', *Jurnal Teknik Industri*, vol. 11, no. 2, pp. 108–16.
- Febrilliandika, B. & Nasution, A.E. 2020, 'Pengukuran Beban Kerja Mental Kuliah Daring Mahasiswa Teknik Industri Usu Dengan Metode Nasa-Tlx', *Seminar dan Konferensi Nasional IDEC 2020*, vol. 1, no. November, pp. 1–7.
- Firmando, A.R. 2018, 'Implementasi Subjective Workload Assesment Technique (Swat) Untuk Mengukur Beban Kerja Mental Karyawan Produksi Studi Kasus Di Ud. Nagawangi Alam Sejahtera-Singosari', *Jurnal Valtech*, vol. 1, no. 1, pp. 200–5.
- Foo, J.-L., Martines-Escobar, M., Juhnke, B., Cassidy, K., Hislay, K., Lobe, T. & Winer, E. 2013, 'Evaluating Mental Workload of Two-Dimensional and Three-Dimensional Visualization for Anatomical Structure Localization', *JOURNAL OF LAPAROENDOSCOPIC & ADVANCED SURGICAL TECHNIQUES*, vol. 23, no. 1, pp. 65–70.
- Fraser, K.L., Ayres, P. & Sweller, J. 2015, 'Cognitive load theory for the design of medical simulations', *Simulation in Healthcare*, vol. 10, no. 5, pp. 295–307.
- Gunawan, C. 2018, *Mahir Menguasai SPSS (Mudah mengolah Data Dengan IBM SPSS Statistic 25)*, 1st edn, Deepublish Publisher, Yogyakarta.
- Gunawan, I. & Palupi, A.R. 2016, 'TAKSONOMI BLOOM – REVISI RANAH KOGNITIF: KERANGKA LANDASAN UNTUK PEMBELAJARAN, PENGAJARAN, DAN PENILAIAN', *Premiere Educandum : Jurnal Pendidikan Dasar dan Pembelajaran*, vol. 2, no. 02, p. 434.
- Hadie, S.N.H. 2018, 'The Application of Learning Taxonomy in Anatomy Assessment in Medical School', *Education in Medicine Journal*, vol. 10, no. 1, pp. 12–22.
- Hadisi, L. & Muna, W. 2015, 'Pengelolaan Teknologi Informasi Dalam Menciptakan Model Inovasi Pembelajaran (E-learning)', *Jurnal Al-Ta'dib*, vol. 8, no. 1, pp. 117–40.
- Hakistian, M.A. & Geovania, A. 2019, 'ANALISIS TINGKAT KELELAHAN PADA PEKERJA SHIFT DEPARTEMEN FINISHING PT. GRAND TEXTILE INDUSTRY', D. Rizal (ed.), *SEMINAR SOBAT ke-1*, LPPM USB YPKP, Bandung, pp. 279–90.
- Hamid, M.A., Ramadhani, R., Masrul, Juliana, Safitri, M., Munsarif, M., Jamaludin & Simarmata, J. 2020, *Media Pembelajaran*, 1st edn, Yayasan Kita Menulis, Medan.
- Hastjarjo, T.D. 2019, 'Rancangan Eksperimen-Kuasi', *Buletin Psikologi*, vol. 27, no. 2, p. 187.
- Hernanto, A., Achiraeniwati, E. & Rejeki, Y.S. 2018, 'Pengukuran Beban Kerja dengan Menggunakan Metode Modified Cooper Harper', *Seminar Penelitian Sivitas Akademika Unisba*, Unisba Pusat Penerbitan Universitas (P2U-LPPM), Bandung, pp. 397–402.

- Hoque, M.E. 2016, ‘Three Domains of Learning: Cognitive, Affective and Psychomotor’, *The Journal of EFL Education and Research*, vol. 2, no. 2, pp. 45–52.
- Hutabarat, J. 2017, *Dasar Dasar Pengetahuan Ergonomi*, 1st edn, Media Nusa Creative, Malang.
- Hutabarat, J. 2018, *Kognitif Ergonomi*, 1st edn, vol. 44, Mitra Gajayana, Malang.
- Idrus, S.N. Al, Gartika, N. & Wilandika, A. 2020, ‘PENGARUH JALAN KAKI DUA PULUH MENIT TERHADAP PENURUNAN TEKANAN DARAH PADA PENDERITA HIPERTENSI’, *Jurnal Keperawatan ‘Aisyiyah*, vol. 7, no. 2, pp. 69–76.
- Juliandi, A., Irfan, Manurung, S. & Satriawan, B. 2016, *Mengolah Data Penelitian Bisnis Dengan SPSS*, 1st edn., Lembaga Penelitian dan Penulisan Ilmiah AQLI, Medan.
- Jumliadi, Arsyam, M. & Alwi, A.M.S. 2020, ‘Strategi Komunikasi Pembelajaran Di Rumah Dalam Lingkungan Keluarga Masa Pandemi’, *KOMUNIDA : Media Komunikasi dan Dakwah*, vol. 10, no. 02, pp. 231–41.
- Jusuf, H. 2016, ‘Penggunaan Gamifikasi dalam Proses Pembelajaran’, *Jurnal TICOM*, vol. 5, no. 1, pp. 1–6.
- Kalakoski, V., Selinheimo, S., Valtonen, T., Turunen, J., Käpykangas, S., Ylisassi, H., Toivio, P., Järnefelt, H., Hannonen, H. & Paajanen, T. 2020, ‘Effects of a cognitive ergonomics workplace intervention (CogErg) on cognitive strain and well-being: A cluster-randomized controlled trial. A study protocol’, *BMC Psychology*, vol. 8, no. 1, pp. 1–16.
- Kenny, G., Lyons, R. & Lynn, T. 2017, ‘Don’t make the player, make the game: Exploring the potential of gamification in is education’, *AMCIS 2017 - America’s Conference on Information Systems: A Tradition of Innovation*, vol. 2017-Augus, Boston, pp. 1–10.
- Ketut Sudarsana, I., Bagus Made Anggara Putra, I., Nyoman Temon Astawa, I. & Wayan Lali Yogantara, I. 2019, ‘The use of Google classroom in the learning process’, *Journal of Physics: Conference Series*, vol. 1175, no. 1.
- Khaleel, F.L., Ashaari, N.S., Wook, T.S.M.T. & Ismail, A. 2016, ‘Gamification Elements for Learning Applications’, *International Journal on Advance Science Engineering Information Technology*, vol. 6, no. 6, pp. 868–74.
- Kim, B. 2015, *Understanding Gamification*, P. Hogan (ed.), American Library Association, vol. 51, American Library Association, Chicago.
- Kim, H. 2019, ‘Statistical notes for clinical researchers: the independent samples t -test’, *Restorative Dentistry & Endodontics*, vol. 44, no. 3, pp. 2–7.
- Kirschner, P.A., Sweller, J., Kirschner, F. & Zambrano, J.R. 2018, ‘From Cognitive Load Theory to Collaborative Cognitive Load Theory’, *International Journal of Computer-Supported Collaborative Learning*, vol. 13, no. 2, pp. 213–33.
- Klubal, L., Kostolányová, K. & Gybas, V. 2018, ‘Gamification in LMS Courses’, *International Journal of Information and Communication Technologies in Education*, vol. 7, no. 2, pp. 46–50.
- Koivisto, J. & Hamari, J. 2014, ‘Demographic differences in perceived benefits from gamification’, *Computers in Human Behavior*, vol. 35, no. 2014, pp. 179–88.
- Krishnan, P. 2019, ‘A review of the non-equivalent control group post-test-only design’, *Nurse researcher*, vol. 26, no. 2, pp. 37–40.

- Legaki, N.Z., Xi, N., Hamari, J. & Assimakopoulos, V. 2019, ‘Gamification of the future: An experiment on gamifying education of forecasting’, *Proceedings of the Annual Hawaii International Conference on System Sciences*, vol. 2019-Janua, pp. 1813–22.
- Lestari, N.L.P.M., Pradnyana, I.M.A. & Pradnyana, G.A. 2021, ‘Usability Testing Menggunakan Model PACMAD Pada Aplikasi Mobile Tabanan Dalam Genggaman’, *RESEARCH: Journal of Computer, Information System & Technology Management*, vol. 4, no. 1, p. 53.
- Longo, L. 2018, ‘On the reliability, validity and sensitivity of three mental workload assessment techniques for the evaluation of instructional designs: A case study in a third-level course’, *CSEDU 2018 - Proceedings of the 10th International Conference on Computer Supported Education*, vol. 2, no. Csedu 2018, pp. 166–78.
- Magdalena, I., Fajriyati Islami, N., Rasid, E.A. & Diasty, N.T. 2020, ‘Tiga Ranah Taksonomi Bloom Dalam Pendidikan’, *EDISI : Jurnal Edukasi dan Sains*, vol. 2, no. 1, pp. 132–9.
- Makhovych, I. & Mykolaichuk, A. 2020, ‘GOOGLE CLASSROOM FOR IT ENGLISH: PILOTING EXPERIENCE’, *International Scientific and Practical Conference*, State University of Telecommunications, Kyiv, pp. 147–50.
- Manik, M., Saragih, S. & Zulkarnain 2020, ‘Kemampuan Komunikasi Matematis Peserta Didik Melalui Pembelajaran Berbasis Masalah (PBM): Studi Quasi Eksperimen di SMA Negeri 1 Pangkalan Kerinci’, *JURING (Journal for Research in Mathematics Learning)*, vol. 3, no. 1, pp. 101–10.
- Mardhia, M.M. & Bariyah, C. 2020, ‘Analisis Beban Kerja Mental Terhadap Aplikasi Dengan Antarmuka Cerdas’, *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 7, no. 1, pp. 131–8.
- Martini, T., Damayanti, W. & Fratidhina, Y. 2016, ‘Perbedaan Posisi Miring dengan Posisi Setengah Duduk Terhadap Kemajuan Persalinan Kala II Pada Multipara di Puskesmas Balaraja Tahun 2016’, *Prosiding Seminar Nasional dan Internasional LPPM Universitas Muhammadiyah Semarang*, Lembaga Penelitian dan Pengabdian kepada Masyarakat Universitas Muhammadiyah Semarang, Semarang, pp. 361–5.
- McKimm, J., Jollie, C. & Cantillon, P. 2003, ‘Web based learning’, *Bmj*, vol. 326, no. 7394, p. 870.
- Mohzana, Fahrurrozi, M. & Murcahyanto, H. 2021, ‘PENGARUH PENGGUNAAN E-LEARNING PADA MAHASISWA’, *Journal of Education and Instruction*, vol. 4, no. 1, pp. 233–42.
- Nafiati, D.A. 2021, ‘Revisi taksonomi Bloom: Kognitif, afektif, dan psikomotorik’, *Humanika*, vol. 21, no. 2, pp. 151–72.
- Nahdi, D.S. 2015, ‘MENINGKATKAN KEMAMPUAN BERPIKIR KRITIS DAN PENALARAN MATEMATIS SISWA MELALUI MODEL BRAIN BASED LEARNING’, *Jurnal Cakrawala Pendas*, vol. 1, no. 1, pp. 13–22.
- Nasution, L.M. 2017, ‘Statistik Deskriptif’, *Hikmah*, vol. 14, no. 1, pp. 49–55.
- Nofirza, Defi, M., Anwardi & Rika 2021, ‘Usulan Konsep Design Ergoclass Menggunakan Evaluasi Cognitive Failure Questionnaire dan DirecRT ( Studi Kasus : Jurusan Matematika UIN SUSKA RIAU )’, *SITEKIN: Jurnal Sains, Teknologi dan Industri*, vol. 19, no. 1, pp. 146–53.

- Nurrianti, R., Uletika, N.S. & Imran, R.A. 2019, ‘Perbandingan Analisis Pengukuran Beban Kerja Psikologis pada Perawat Menggunakan Metode NASA-TLX dan RSME’, *Seminar Nasional Teknik Industri 2019*, pp. 33–41.
- Oktafianti, F., Machmudin, D. & Kusnadi, K. 2021, ‘Perbedaan hasil belajar dan self-efficacy pada siswa yang diberikan feedback setelah penggunaan Quizizz dengan Plickers’, *Assimilation: Indonesian Journal of Biology Education*, vol. 4, no. 1, pp. 1–8.
- Orhan Göksün, D. & Gürsoy, G. 2019, ‘Comparing success and engagement in gamified learning experiences via Kahoot and Quizizz’, *Computers and Education*, vol. 135, no. 2019, pp. 15–29.
- Otto, T., Zijlstra, F.R.H. & Goebel, R. 2018, ‘Feeling the force: Changes in a left-lateralized network of brain areas under simulated workday conditions are reflected in subjective mental effort investment’, *PLoS ONE*, vol. 13, no. 6, pp. 1–21.
- Palinggi, U.P., Paloboran, M. & Mandra, M.A.S. 2015, ‘ANALISIS PELAKSANAAN ASESMEN PEMBELAJARAN FISIKA TEKNIK PADA PROGRAM STUDI PENDIDIKAN FAKULTAS TEKNIK UNM’, *Optimalisasi Hasil-Hasil Penelitian Dalam Menunjang Pembangunan ...*, Badan Penerbit Universitas Negeri Makassar, Makassar, pp. 61–7.
- Palupi, R., Yulianna, D.A. & Winarsih, S.S. 2021, ‘Analisa Perbandingan Rumus Haversine Dan Rumus Euclidean Berbasis Sistem Informasi Geografis Menggunakan Metode Independent Sample t-Test’, *JITU : Journal Informatic Technology And Communication*, vol. 5, no. 1, pp. 40–7.
- Pastor-Pina, H., Satorre-Cuerda, R., Molina-Carmona, R., Gallego-Durán, F.J. & Llorens-Largo, F. 2015, ‘Can Moodle be used for structural gamification?’, *INTED2015 Conference*, no. March, pp. 1014–21.
- Prabawa, H., Sutarno, H., Kusnendar, J. & Rahmah, F. 2018, ‘Learning basic programming using CLIS through gamification’, *Journal of Physics: Conference Series*, vol. 1013, no. 2018, pp. 1–7.
- Pudiastuti, E.T. 2020, ‘Mental Workload Analysis of Naval Cadet Academy Using Subjective Workload Assessment Technique (Swat) Methods’, *Journal Asro*, vol. 11, no. 2, p. 236.
- Pujilestari, Y. 2020, ‘Dampak Positif Pembelajaran Online Dalam Sistem Pendidikan Indonesia Pasca Pandemi Covid-19’, *Adalah: Buletin Hukum dan Keadilan*, vol. 4, no. 1, pp. 49–56.
- Purnawinadi, I.G. & Lotulung, C.V. 2020, ‘Kebiasaan Sarapan Dan Konsentrasi Belajar Mahasiswa’, *Nutrix Jurnal*, vol. 4, no. 1, p. 31.
- Putra, M.G.L. & Octantia, H. 2021, ‘Analisis dan Perencangan Aplikasi E-Learning Berbasis Gamification (Studi Kasus Program Studi Sistem Informasi Institut Teknologi Kalimantan)’, *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 8, no. 3, p. 571.
- Rahayu, A.T., Lestari, M.S., Prasetyo, R. & Sudarno, I. 2021, ‘ANALISIS BEBAN KERJA MENTAL MENGGUNAKAN METODE NATIONAL AERONAUTICS AND SPACE ADMINISTRATION TASK LOAD INDEX (NASA-TLX) DAN RATING SCALE MENTAL EFFORT (RSME) (STUDI KASUS: BALAI PIALAM YOGYAKARTA DPU-P ESDM DIY)’, *Prosiding Seminar Nasional Aplikasi Sains & Teknologi (SNAST) 2021*, pp. 182–8.

- Ramadhan, A.A., Imran, R.A., Sofiana, A. & Prakoso, I. 2022, ‘EVALUASI BEBAN KERJA MENTAL PEMBELAJARAN DARING DAN LURING DENGAN METODE NASA-TLX PADA KEGIATAN PRAKTIKUM PROSES MANUFAKTUR PRODI TEKNIK INDUSTRI UNSOED MENTAL WORKLOAD EVALUATION OF ONLINE AND OFFLINE LEARNING USING THE NASA-TLX METHOD IN MANUFACTURING P’, *Dinamika Rekayasa*, vol. XX, no. X.
- Ramadhani, F., Santosa, S. & Ngadiman 2013, ‘Upaya Peningkatan Kualitas Pembelajaran Akuntansi Melalui Penerapan Model Pembelajaran Berbasis Projek (Project Based Learning)’, *Jupe UNS*, vol. 1, no. 1, pp. 1–12.
- Ratminingsih, N.M. 2018, ‘Implementasi Board Games Dan Pengaruhnya Terhadap Hasil Belajar Bahasa Inggris’, *Jurnal Ilmu Pendidikan*, vol. 24, no. 1, p. 19.
- Ratnawati, D., Handayani, I. & Hadi, W. 2020, ‘Pengaruh Model Pembelajaran PBL Berbantu Question Card terhadap Kemampuan Berpikir Kritis Matematis Siswa SMP’, *Jurnal Pendidikan Matematika*, vol. 10, no. 01, pp. 45–51.
- Raupach, T., Grefe, C., Brown, J., Meyer, K., Schuelper, N. & Anders, S. 2015, ‘Moving knowledge acquisition from the lecture hall to the student home: A prospective intervention study’, *Journal of Medical Internet Research*, vol. 17, no. 9, p. e223.
- Retta, A.M., Kesumawati, N. & Octaria, D. 2021, ‘KEMAMPUAN MAHASISWA DALAM MENYELESAIKAN SOAL TIPE HOTS PADA MATA KULIAH KAPITA SELEKTA MATEMATIKA SMA’, *AKSIOMA: Jurnal Program Studi Pendidikan Matematika*, vol. 10, no. 4, pp. 2254–67.
- Riadi, A. 2016, ‘Problem-Based Learning Meningkatkan Higher-Order Thinking Skills Siswa Kelas Viii Smpn 1 Daha Utara Dan Smpn 2 Daha Utara’, *Math Didactic: Jurnal Pendidikan Matematika*, vol. 2, no. 3, pp. 154–63.
- Rikomah, S.E., Novia, D. & Rahma, S. 2018, ‘Gambaran Penggunaan Antibiotik Pada Pasien Pediatri Infeksi Saluran Pernapasan Akut (ISPA) di Klinik Sint. Carolus Bengkulu’, *Jurnal Ilmiah Manuntung*, vol. 4, no. 1, pp. 28–35.
- Rinaldi, A., Novalia & Syazali, M. 2020, *Statistika Inferensial untuk Ilmu Sosial dan Pendidikan*, D.M. Nastiti (ed.), 1st edn, PT Penerbit IPB Press, Bogor.
- Riskiono, S.D. & Pasha, D. 2020, ‘Analisis Metode Load Balancing Dalam Meningkatkan Kinerja Website E-Learning’, *Jurnal Teknoinfo*, vol. 14, no. 1, p. 22.
- Rita, Y., Muliana, I.L. & Handrianto, C. 2021, ‘Taksonomi Bloom dalam Materi Sistem Persamaan Linear pada Program Paket C di PKBM Hang Tuah Pekanbaru’, *Journal for Research in MATHEMATICS LEARNING*, vol. 4, no. 1, pp. 69–80.
- Sabrini, A., Rambe, A.J.M. & Wahyuni, D. 2013, ‘PENGUKURAN BEBAN KERJA KARYAWAN DENGAN MENGGUNAKAN METODE SWAT (SUBJECTIVE WORKLOAD ASSESSMENT TECHNIQUE) DAN WORK SAMPLING DI PT . XYZ’, *e-Jurnal Teknik Industri FT USU*, vol. 8, no. 2, pp. 6–13.
- Samosir, A., Haryanti, A.S. & Paturahman, M. 2018, ‘Simulasi Tes Ukbi Dan Bedah Soal Bahasa Indonesia Untuk Meningkatkan Kompetensi Guru Sd Di Balaraja’, *Seminar Nasional dan Diskusi Panel Multidisiplin Hasil Penelitian & Pengabdian kepada Masyarakat*, Lembaga Penelitian dan Pengabdian

- kepada Masyarakat Universitas Indraprasta PGRI, Jakarta, pp. 685–9.
- Sari, R.A.I. & Priyadi, M.P. 2016, ‘Pengaruh Leverage , Profitabilitas , Size , Dan Growth Opportunity Terhadap Nilai Perusahaan’, *Jurnal Ilmu dan Riset Manajemen*, vol. 5, no. 10, pp. 2–17.
- Septiana, N. 2016, ‘ANALISIS BUTIR SOAL ULANGAN AKHIR SEMESTER (UAS) BIOLOGI TAHUN PELAJARAN 2015/2016 KELAS X DAN XI PADA MAN SAMPIT’, *EduSains*, vol. 4, no. 2, pp. 115–21.
- Septiani, Y., Aribbe, E. & Diansyah, R. 2020, ‘ANALISIS KUALITAS LAYANAN SISTEM INFORMASI AKADEMIK UNIVERSITAS ABDURRAB TERHADAP KEPUASAN PENGGUNA MENGGUNAKAN METODE SEVQUAL (Studi Kasus : Mahasiswa Universitas Abdurrah Pekanbaru)’, *Jurnal Teknologi Dan Open Source*, vol. 3, no. 1, pp. 131–43.
- Sern, L.C., Salleh, K.M., Sulaiman, N., Mohamad, M.M. & Yunos, J. 2015, ‘Comparison of Example-based Learning and Problem-based Learning in Engineering Domain’, *Universal Journal of Educational Research*, vol. 3, no. 1, pp. 39–45.
- Setyono, E.Y. 2015, ‘Pengaruh Penggunaan Media Jejaring Sosial Edmodo Terhadap Hasil Belajar Mahasiswa Pada Topik Pembuatan Kurva-S Menggunakan Microsoft Excell’, *Soshum Jurnal Sosial dan Humaniora*, vol. 5, no. 1, pp. 42–9.
- Shen, W.M., Liu, D., Santhanam, R. & Evans, D.A. 2016, ‘GAMIFIED TECHNOLOGY-MEDIATED LEARNING: THE ROLE OF INDIVIDUAL DIFFERENCES’, *PACIS 2016 Proceedings*, p. 47.
- Siahaan, H.D. & Pramestari, D. 2021, ‘Analisis Beban Kerja Menggunakan Metode Rating Scale Mental Effort ( Rsme ) Dan Modified’, *Ikra-Ith Teknologi*, vol. 5, no. 2, pp. 6–16.
- Sidik, H. & Amelia, R. 2021, ‘ANALISIS KESALAHAN SISWA KELAS VII-B SMP MARGA UTAMA PADALARANG PADA PENYELESAIAN SOAL MATERI ALJABAR BERDASARKAN INDIKATOR TAKSONOMI BLOOM DAN GENDER’, *JPMI-Jurnal Pembelajaran Matematika Inovatif*, vol. 4, no. 5, pp. 1223–32.
- Simoes, J. 2015, ‘Using Gamification to Improve Participation in Social Learning Environments’, University of Vigo.
- Slamet, T.I. 2017, ‘Guru dan Digital Superhero: Gamifikasi untuk Peningkatan Kompetensi TPACK Calon Guru’, *Prosiding Seminar Nasional Pendidikan – Fakultas Ilmu Pendidikan Universitas Negeri Malang Sinergitas Keluarga, Sekolah, dan Masyarakat dalam Pengembangan Pendidikan Karakter*, pp. 435–45.
- PERATURAN REKTOR NOMOR 6 TAHUN 2018 TENTANG PENYELENGGARAAN PENDIDIKAN PROGRAM DIPLOMA, SARJANA, DAN PROFESI UNIVERSITAS JENDERAL SOEDIRMAN 2018 (Universitas Jenderal Soedirman).
- Sugiyono 2013, *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*, 19th edn, Penerbit Alfabeta, Bandung.
- Suharsono, A. 2020, ‘The Use of Quiziz dan Kahoot! in The Learning Millenial Generation’, *International Journal of Indonesian Education and Teaching*, vol. 4, no. 2, pp. 332–42.
- Suherman, S. 2021, ‘Upaya Meningkatkan Hasil Belajar IPA Siswa Melalui Pemberian Tes Kecil (Kuis) Di Kelas IX/1 SMPN 1 Ulakan Tapakis Tahun

- Pelajaran 2019/2020’, *Jurnal Edukasi dan Sains Biologi*, vol. 3, no. 2, pp. 53–67.
- Tan, P.M. & Saucerman, J.J. 2017, ‘Enhancing learning and engagement through gamification of student response systems’, *ASEE Annual Conference and Exposition, Conference Proceedings*, vol. 2017- June.
- Tîrziu, A.-M. & Vrabie, C. 2015, ‘Education 2.0: E-Learning Methods’, *Procedia - Social and Behavioral Sciences*, vol. 186, pp. 376–80.
- Utami, S.F., Suarantalla, R. & Hermanto, K. 2020, ‘Analisis Beban Kerja Mental Guru Sekolah Dasar Menggunakan Metode NASA-TLX Studi Kasus di SDN Batu Tering’, *Jurnal Industri & Teknologi Samawa*, vol. 1, no. 2, pp. 14–8.
- Wati, M. & Sudibyo, B. 2016, ‘PENGARUH PENDIDIKAN ETIKA BISNIS DAN RELIGIUSITAS TERHADAP PERSEPSI ETIS MAHASISWA AKUNTANSI’, *Jurnal Economia*, vol. 12, no. 2, pp. 183–201.
- Watini, S., Aini, Q., Rahardja, U., Puji, N., Santoso, L. & Apriliasari, D. 2022, ‘Class DojoLMS in the Interactive Learning of PAUD Educators in the Disruption Era 4.0’, *Journal of Innovation in Educational and Cultural Research*, vol. 3, no. 2, pp. 215–25.
- Widayanti, V., Tawil & Putro, H.E. 2021, ‘Pengaruh Konseling Kelompok Dengan Pendekatan Solution Focused Brief Counseling (SFBC) Terhadap Peningkatan Komunikasi Interpersonal Santri’, *Proceeding of The 14th University Research Colloquium 2021: Bidang Pendidikan*, Lembaga Penelitian dan Pengabdian kepada Masyarakat Sekolah Tinggi Ilmu Ekonomi Muhammadiyah Cilacap, Cilacap, pp. 784–92.
- Widiyarini, W. 2018, ‘Pengaruh Shift Kerja, Terapi Musik, dan Motivasi terhadap Beban Kerja Karyawan PT. TOA-GALVA Industries’, *Jurnal Optimasi Sistem Industri*, vol. 17, no. 2, p. 198.
- Widyanti, A., Johnson, A. & de Waard, D. 2013, ‘Adaptation of the Rating Scale Mental Effort (RSME) for use in Indonesia’, *International Journal of Industrial Ergonomics*, vol. 43, no. 1, pp. 70–6.
- Wijaya, A., Eresti, A., Despa, D. & Walid, A. 2019, ‘Analisis Butir Soal Persiapan Ujian Nasional Ipa Smp/Mts Tahun 2018 Sampai Dengan 2019 Berdasarkan Taksonomi Bloom’, *LENSA (Lentera Sains): Jurnal Pendidikan IPA*, vol. 9, no. 2, pp. 57–63.
- Wirakusuma, K.W. & Singgih, M.L. 2019, ‘Evaluation Setup Process on Rotogravure Printing Machine in Oder to Reduce Setup Time’, *IPTEK Journal of Proceedings Series*, vol. 0, no. 5, p. 480.
- Wood, L.C. & Reiners, T. 2015, ‘Gamification’, *Encyclopedia of Information Science and Technology, Third Edition*, vol. IV, IGI Global, pp. 3039–47.
- Yabuno, K., Luong, E. & Shaffer, J. 2019, ‘Comparison of Traditional and Gamified Student Response Systems in an Undergraduate Human Anatomy Course’, *HAPS Educator*, vol. 23, no. 1, pp. 29–36.
- Young, M.S., Brookhuis, K.A., Wickens, C.D. & Hancock, P.A. 2015, ‘State of science: mental workload in ergonomics’, *Ergonomics*, vol. 58, no. 1, pp. 1–17.
- Yudhira, A. 2021, ‘Efektivitas Pembelajaran Daring Pada Masa Pandemi Covid-19: (Studi Komparasi Pembelajaran Luring Dan Daring Pada Mata Kuliah Pengantar Akuntansi Di Universitas Tjut Nyak Dhien)’, *Jurnal Ilmiah Akuntansi Keuangan dan Bisnis*, vol. 2, no. 1, pp. 1–10.

- Yunis, R. & Telaumbanua, K. 2017, ‘Pengembangan E-Learning Berbasiskan LMS untuk Sekolah, Studi Kasus SMA/SMK di Sumatera Utara’, *JNTETI*, vol. 6, no. 1, pp. 32–6.
- Yuniwati, I., Yustita, A.D., Hardiyanti, S.A. & Suardinata, I.W. 2020, ‘Pengembangan Instrumen Penilaian Ranah Psikomotorik Mahasiswa Pada Pembelajaran Matematika Teknik 1 Melalui Platform Mooc Poliwangi’, *ISAS Prosiding Seminar Nasional Terapan Riset Inovatif (SENTRINOV) Ke-6*, vol. 6, Politeknik Negeri Banyuwangi, Banyuwangi, pp. 511–8.
- Zetli, S. 2019, ‘Hubungan Beban Kerja Mental Dan Stres Kerja Pada Tenaga Kependidikan Di Kota Batam’, *Jurnal Rekayasa Sistem Industri*, vol. 4, no. 2, p. 63.
- Zhafira, N.H., Ertika, Y. & Chairiyaton 2020, ‘Persepsi Mahasiswa Terhadap Perkuliahan Daring Sebagai Sarana Pembelajaran Selama Masa Karantina Covid-19’, *Jurnal Bisnis dan Kajian Strategi Manajemen*, vol. 4, no. 1, pp. 37–45.
- Zhao, F. 2019, ‘Using quizizz to integrate fun multiplayer activity in the accounting classroom’, *International Journal of Higher Education*, vol. 8, no. 1, pp. 37–43.

