

Asst. Prof. Dr. Manit Asanok

Assistant Professor of Educational Technology and Communications · Department of Educational Technology and Communications, Faculty of Education, Mahasarakham University

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RESEARCH INTERESTS

EdTech · AI · Machine Learning · Robotics Education · IoT · ICT · Teacher Professional Development · Instructional Design · Learning Science & Technology

PROFILE

Dr. Manit Asanok is an Assistant Professor of Educational Technology and Communications at Mahasarakham University, Thailand, where he has served as a full-time lecturer since 2011.

He earned his Ph.D. and M.Ed. in Educational Technology and Communications from Mahasarakham University, and his B.Ed. in Mathematics from Loei Rajabhat University (Second-class Honours).

His research interests span a wide range of educational innovations, particularly in digital learning technologies including Artificial Intelligence (AI), Machine Learning (ML), Robotics Education (RE), Internet of Things (IoT), Information and Communication Technology (ICT), Instructional Design (ID), and Teacher Professional Development (TPD).

Dr. Asanok's works have been published in several peer-reviewed international journals indexed in Scopus, such as Nanotechnology Perceptions, Educational Research and Reviews, and Shanlax International Journal of Education. His research emphasizes technology-enhanced learning, strategic thinking development, makerspace environments, and sustainable agricultural learning systems through AI.

EDUCATION

- | | |
|---|-------------|
| Ph.D. (ป.ด.) — Educational Technology and Communication
Mahasarakham University
<i>Thesis: Development of a Collaborative-based E-learning System at the Higher Education Level</i>
OHEC Scholarship for Faculty Development (2005) | 2011 |
| M.Ed. (กศ.ม.) — Educational Technology
Mahasarakham University
<i>Thesis: The Development of Academic Information Systems in the Faculty of Education, Mahasarakham University</i> | 2003 |
| B.Ed. (ก.บ.) — Major: Mathematics, Minor: Computer (Second-class Honours)
Loei Rajabhat University
Kurutayat Scholarship, Ministry of Education | 1997 |

ACADEMIC POSITIONS & EXPERIENCE

- | | |
|--|---------------------|
| Subcommittee Member, Teacher Civil Service Commission (Mahasarakham Secondary Education Service Area)
OTEPC, Ministry of Education | 2025-Present |
| Director, Academic Service and Educational Innovation Dissemination Center
Faculty of Education, Mahasarakham University | 2025-Present |
| Faculty Board Member (Faculty Representative)
Faculty of Education, Mahasarakham University | 2023-Present |
| Chairman, B.Ed. Educational Technology and Computer Education Program
Faculty of Education, Mahasarakham University | 2021-Present |

Assistant Professor of Educational Technology Department of Educational Technology and Communications, Maharakham University	2018-Present
Head, Department of Educational Technology and Communications Faculty of Education, Maharakham University	2016-2020
Institute for Research on Education System Foundation Committee Institute for Research on Education System Foundation	2013-Present
Assistant to the Dean (e-learning) Faculty of Education, Maharakham University	2012-2014
Faculty Staff, B.Ed. Educational Technology and Computer Education Department of Educational Technology and Communications, Maharakham University	2011-Present
Lecturer Assistant Department of Educational Technology and Communications, Maharakham University	2007-2008
Teacher Ban Loajun School, Nadun, Maha Sarakham	2004-2005
Teacher Ban Phonthong School, Pak Chom, Loei	1997-2004

AWARDS & SCHOLARSHIPS

- 2024** — Winner – MSU Learning Innovation Awards 2024 (Teaching Model, Humanities & Social Sciences) (Maharakham University)
- 2019** — 1st Runner-up – ETC Academy Project (KM Award, Faculty of Education FY2019)
- 2018** — 1st Runner-up – Best Practice in Asset Management (KM Award FY2018)
- 2017** — 1st Runner-up – Reflection-based Supervision Technique (KM Award FY2017)
- 2007** — Bhumibol Scholarship (Doctoral level) (Faculty of Education, Maharakham University)
- 2007** — Outstanding Academic Advisor Award (Faculty of Education, Maharakham University)
- 2005** — OHEC Faculty Development Scholarship (UDC)
- 2004** — Outstanding Computer Teacher Award (Maha Sarakham ESAO 2)
- 1992** — Royal Award Student Scholarship

PROFESSIONAL TRAINING

- Strengthening Teachers' Capability in the use of ICT (Nanyang Polytechnic, Singapore)
- Practical Data Mining with RapidMiner Studio 9 (Data Cube)
- AI101 Introduction to Deep Learning (TAUTOLOGY University)
- New Researcher Training Program (Batch 4) (National Research Council of Thailand (NRCT))
- Leaders for Educational Change (Batch 2) (Institute for Educational Personnel Development)
- 2025** — AUN-QA Version 4 Assessor Development Course (Council of University Presidents of Thailand)
- 2025** — Outcome-Based Education (OBE) Curriculum Development Course (Council of University Presidents of Thailand)
- 2025** — AUN-QA Implementation and Gap Analysis Version 4 (Council of University Presidents of Thailand)

PUBLICATIONS

International Journals (10)

1. Erawan, W., Asanok, M., Erawan, P. (2026). Evaluating a professional and quality of life development program for beginning rural teachers in Thailand by Kirkpatrick's Model. *Australian and International Journal of Rural Education*, 1–23. [Link](#)
2. Rangriborwornkul, S., Asanok, M. (2025). Effects of the peer-assisted aesthetic learning model using multimedia to enhance undergraduate students' songwriting skills for children's songs. *Shanlax International Journal of Education*, 13(3), 73-81. <https://doi.org/10.34293/education.v13i3.9107>
3. Rangriborwornkul, S., Asanok, M. (2025). A study on the situations, problems, and needs of teaching and learning in higher education to enhance songwriting skills for children's songs. *Higher Education Studies*, 15(3), 251–261. <https://doi.org/10.5539/hes.v15n3p251>
4. Arnanteerakul, A., Asanok, M. (2024). Development of experiential learning model using board games to enhance strategic thinking for undergraduate students. *Nanotechnology Perceptions*, 20(S8), 806-820. [search]

5. Wongsripuak, P., Asanok, M., Hoksuan, S. (2024). Development of the learning environment model of makerspace for promoting students' creativity in a vocational college under the Vocational Education Commission. *Nanotechnology Perceptions*, 20(S7), 1052-1065. [search]
6. Weeranakin, N., Raksong, O., Charton, C., Saitong, P., Asanok, M. (2019). Model of artificial intelligence system to promote learning about rice farming according to philosophy of the sufficiency economy for farmers in the upper northeast. *Research Journal of Applied Sciences*, 14(10), 350-357. [search]
7. Asanok, M., Chookhampaeng, C. (2016). Coaching and mentoring model based on teachers' professional development for enhancing their teaching competency in schools (Thailand) using videotape. *Educational Research and Reviews*, 11(4), 134-140. <https://doi.org/10.5897/ERR2015.2357>
8. Tritrakan, K., Kidrakarn, P., Asanok, M. (2016). The use of engineering design concept for computer programming courses: A model of blended learning environment. *Educational Research and Reviews*, 11(18), 1757-1765. <https://doi.org/10.5897/ERR2016.2948>
9. Sassuvun, K., Kidrakarn, P., Asanok, M. (2013). The development of a social media environmental learning model with task-based learning to promote the public consciousness of Mathayomsuksa students. *The Journal of Human Resource and Adult Learning*, 9(2), 15-30. [search]
10. Asanok, M., Kidrakan, P., Brahmaworn, C. (2008). Building critical components for successful multimedia-based collaborative e-learning design framework. *International Journal of the Computer, the Internet and Management (IJCIM)*, 16(SP3), 37.1-37.10. [search]

National Journals (37)

1. Thabcha, K., Asanok, M. (2024). The development of learning achievement and teamwork skills in social studies, religion and culture courses by organizing cooperative learning activities using the Learning Together technique for Prathomsuksa 2 students. *Journal of Education Rajabhat Maha Sarakham University*, 21(3). [search]
2. Bunsamon, T., Asanok, M. (2024). The development of analytical thinking skills and learning achievement using synectics instructional model with mind mapping learning management in social studies, religion and culture courses on economics in daily life for Prathomsuksa 4 students. *Journal of Education Rajabhat Maha Sarakham University*, 21(3). [search]
3. Budken, P., Asanok, M. (2024). Enhancing analytical thinking abilities in grade 6 social studies: A study on the efficacy of 5W1H techniques combined with mind maps. *Journal of Roi Kaensarn Academi*, 9(12), 75-86. [search]
4. Preedok, P., Asanok, M. (2024). Development of blended problem-based learning to enhance problem-solving ability and academic achievement of undergraduate students. *Journal for Developing the Social and Community*, 11(2), 405-420. [search]
5. Intharam, C., Asanok, M. (2024). The development of web-based instruction based-on problem-based learning that promotes problem-solving skills on computation and design technology subject for grade 6 students. *Journal of Educational Technology and Communications, Faculty of Education Mahasarakham University (JETC)*, 7(21), 143-152. [search]
6. Subin, K., Asanok, M. (2023). The development of academic information system for benchmarking on the Ordinary National Education Test (O-NET). *Journal of Educational Technology and Communications, Faculty of Education Mahasarakham University*, 6(17), 80-90. [search]
7. Metta, P., Asanok, M. (2022). The development of guidelines for school management according to sufficiency economy philosophy for schools under the office of Mukdahan primary educational service area. *Academic Journal of Mahamakut Buddhist University Roi Et Campus*, 11(1), 449-463. [search]
8. Boonrak, B., Asanok, M. (2022). Developing the student council's activities administration guidelines for schools under the office of Sakon Nakhon primary educational service area 3. *Academic Journal of Mahamakut Buddhist University Roi Et Campus*, 11(1), 494-508. [search]
9. Klinsrisuk, P., Asanok, M. (2021). The development of student care and support system management for schools under the Secondary Educational Service Area Office 22 Nakhon Phanom Province. *Journal of Educational Technology and Communications, Faculty of Education Mahasarakham University*, 4(10), 147-157. [search]
10. Jantarasena, V., Asanok, M. (2020). The effects of blended learning using visual programming to promote computational thinking, learning achievement, and programming ability for primary 4 students. *Journal of Legal Entity Management and Local Innovation*, 6(2), 1-13. [search]
11. Jantarasena, V., Asanok, M. (2020). Composition evaluation of blended learning using visual programming to promote computational thinking for primary 4 students. *Journal of Graduate Research*, 11(1), 43-54. [search]
12. Asanok, M., Changpetch, C., Sukthong, N., Namkhun, S. (2019). Assistive mobile application development to enhancing learning performance of dyslexic children: Preliminary evaluation. *Rajabhat Maha Sarakham University Journal of Engineering*, 3(2), 35-41. [search]
13. Thammakitjawat, K., Asanok, M. (2019). The development of the programs to enhance a creative leadership of school administrators in the private education under Buriram provincial office. *Academic Journal of Humanities and Social*

- Sciences Buriram Rajabhat University*, 11(2), 1-18. [search]
14. Chindarit, N., Asanok, M., Chantarajit, N. (2019). Development the scientific readiness and the emotional intelligence of kindergartner level two by learning management using brain-based learning. *Buabandit Journal of Educational Administration*, 19(2), 353-367. [search]
 15. Sanwa, B., Asanok, M., Chantarajit, N. (2019). A study of learning achievement, analytic thinking, and attitudes towards learning of Prathomsuksa 5 students using 7E learning inquiry method. *Buabandit Journal of Educational Administration*, 19(2), 369-381. [search]
 16. Thmkitchawat, N., Asanok, M. (2019). Developing guidelines for instruction of the private education institutions under Buriram provincial education office. *Academic Journal of Buriram Rajabhat University*, 12(1), 1-18. [search]
 17. Kaso, T., Asanok, M., Thawornrueangrit, J. (2019). A study learning achievement on Microsoft Excel 2013 using e-learning format gamification of Prathomsuksa 5 students. *Journal of Educational Technology and Communications, Faculty of Education Mahasarakham University*, 2(5), 112-120. [search]
 18. Nuttaro, W., Ruangsuan, C., Asanok, M. (2018). A task-based e-training model to learn on classroom research for teachers in small sized primary school. *Journal of Education, Mahasarakham University*, 12(3), 129-143. [search]
 19. Mangkharat, P., Asanok, M. (2018). Development of simulation learning package to enhance English skills by augmented reality for Prathomsuksa 4 student. *Buabandit Journal of Educational Administration*, 18(2), 187-198. [search]
 20. Suna, S., Asanok, M., Seelamontree, P. (2018). The development of a web-based instruction information technology and communication computer and technology 2 (D 21102) of Mathayomsuksa 1. *Journal of Educational Technology and Communications, Faculty of Education Mahasarakham University*, 1(1), 73-81. [search]
 21. Tumman, J., Asanok, M. (2018). A study on components of the information system for promoting research and academic services, faculty of information technology, Rajabhat Maha Sarakham University. *Journal of Innovation Technology Management*, 5(1), 122-132. [search]
 22. Tumman, J., Asanok, M. (2018). The development information systems to encourage technology acceptance by TAM model for research and academic services faculty of information technology at Rajabhat Mahasarakham University. *Journal of Project in Computer Science and Information Technology*, 4(2), 17-26. [search]
 23. Tummachart, W., Asanok, M. (2018). Comparison of learning achievement, ability of solving problem and analytical thinking while study by online learning in type of problem-based learning and WebQuest on introduction to C programming language of high school education Mathayomsuksa 4 students. *Journal of Education, Mahasarakham University*, 12(2), 301-312. [search]
 24. Udkam, S., Asanok, M. (2018). Develop a coaching approach to supervision secondary educational service area office area 26. *Journal of Educational Administration and Supervision*, 9(1), 211-220. [search]
 25. Asanok, M., Chookhampaeng, C. (2017). Coaching and mentoring approaches in teacher professional development by using video for enhancing teaching competency in schools. *Journal of Measurement Mahasarakham University*, 23(2), 123-137. [search]
 26. Mungmai, B., Asanok, M. (2017). Development guideline the implementation of bank school under the secondary education service area office of 'Roi Kaen Sarn Sin' cluster provinces. *Journal of Educational Administration and Supervision*, 8(2), 55-64. [search]
 27. Tritrakan, K., Kidrakarn, P., Asanok, M. (2017). Development and study the usage of blended learning environment model using engineering design concept learning activities to computer programming courses for undergraduate students of Rajabhat universities. *Journal of Education, Mahasarakham University*, 11(1), 46-59. [search]
 28. Searakote, N., Asanok, M., Weeranakin, N. (2016). Results of application of web-based WebQuest lessons together with WebBlogs that promote critical thinking ability in the information technology and communication class for Mathayomsuksa 3. *Journal of Measurement Mahasarakham University*, 22(2), 118-128. [search]
 29. Munkong, P., Asanok, M. (2016). Evaluate the effectiveness and satisfaction study of thesis tracking information system in faculty of education, Mahasarakham University. *Journal of Measurement Mahasarakham University*, 22(1), 183-190. [search]
 30. Kanpimai, S., Asanok, M. (2016). Comparison of academic achievement and analytical thinking using project-based learning activities with different graphic organizers. *Journal of Education, Mahasarakham University*, 10(Special), 833-850. [search]
 31. Weeranakin, N., Zaton, S., Raksong, O., Asanok, M., Saitong, P., Moolvilai, S. (2015). The multimedia courseware development of rice farming for young farmers in Thailand. *Journal of Graduate School, Surindra Rajabhat University*, 9(1), 112-118. [search]
 32. Weeranakin, N., Zaton, S., Raksong, O., Asanok, M., Saitong, P., Moolvilai, S. (2015). Developing an e-learning model of rice farming for young farmers in Thailand. *Kasetsart Educational Review*, 30(2), 36-45. [search]
 33. Phaphueng, W., Asanok, M., Weeranakin, N. (2014). A comparison of learning achievement: Problem-solving ability and learning transfer between the integrated courseware and the regular instruction regarding to webpage creation in vocational education program second year students majoring in business computer. *Chophayom Journal*, 24, 43-60.

[search]

34. Timinkul, W., Asanok, M., Chetragran, S. (2014). A comparison result of the learning activities using an integrated problem-based learning through the web-based instruction to encourage creative thinking for undergraduates student. *Journal of Education, Mahasarakham University*, 8(4), 120-131. [search]
35. Weeranakin, N., Zaton, S., Asanok, M., Saitong, P. (2014). The development of model of online agricultural learning center based on sufficiency economy for new generation agriculturists in the upper north eastern of Thailand. *Journal of Education Research, Srinakharinwirot University*, 8(2), 113-123. [search]
36. Masasaai, S., Asanok, M., Samat, C. (2013). The study of problems and needs assessment for competencies of information and communication technology teachers in primary school in Northeastern Thailand. *Thammasat Journal*, 32(1), 131-142. [search]
37. Kidrakarn, P., Hogsuwan, S., Asanok, M., Thanaputama, H. (2011). The development of higher order thinking skills using WebQuest instructional activities for undergraduate students. *Journal of Administration and Development*, 3(1), 47-62. [search]

Conference Proceedings (9)

1. Weeranakin, N., Thienmongkol, R., Zaton, S., Raksong, O., Asanok, M. (2021). An artificial intelligence instructional system to promote learning on rice farming basing on the philosophy of sufficiency economy for farmers in the Upper Northeastern Thailand. *2021 6th International Conference on Communication, Image and Signal Processing (CCISP)*, 46-50. <https://doi.org/10.1109/CCISP52774.2021.9639290>
2. Asanok, M., Changpetch, C., Sukthong, N., Namkhun, S. (2017). Assistive mobile application development to enhancing learning performance of dyslexic children: preliminary evaluation. *The 3rd National Conference of Industrial Technology, Mahasarakham, Thailand*, 748-754. [search]
3. Munkong, P., Asanok, M. (2015). The Development of Thesis Tracking Information System in Faculty of Education, Mahasarakham University. *The 5th STOU Graduate Research Conference, Sukhothai Thammathirat Open University*. [search]
4. Utaipean, N., Kwunsakul, K., Asanok, M. (2013). The Development of Courseware on Geometry Upon Mathematics Subject for Three Grade Students. *The 7th Srinakharinwirot Academic Conference, Bangkok*. [search]
5. Poona, P., Kwunsakul, K., Asanok, M. (2013). The Development of Courseware on the Place in Daily Life upon English Subject for Mattayomsuksa. *The 7th Srinakharinwirot Academic Conference, Bangkok*. [search]
6. Jalao, S., Kwunsakul, K., Asanok, M. (2013). The Development of Courseware on Greeting upon English Subject for Mathayomsuksa one Student. *The 7th Srinakharinwirot Academic Conference, Bangkok*. [search]
7. Chanawong, A., Kidrakarn, P., Asanok, M. (2013). Information System on the Internet Development for Alumni in Faculty of Education Mahasarakham University. *The 8th National Conference on Educational Reform 'Learning Management in 21st Century', Mahasarakham*, 2282-2289. [search]
8. Asanok, M., Kidrakhan, P., Brahmaworn, C. (2008). Building a Critical Components for Successful a Multimedia-based Collaborative e-Learning Design Framework. *5th International Conference on eLearning for Knowledge-Based Society, Assumption University, Bangkok*. [search]
9. Asanok, M. (2005). The Development of Academic Information Systems in the Faculty of Education, Mahasarakham University. *The 1st Thailand Education National Congress, Bangkok*. [search]

Academic Articles (3)

1. มานิตย์ อาษานอก (2018). Integrated Design Thinking for Instructional Innovation Development. *วารสารเทคโนโลยีและสื่อสารการศึกษา คณะศึกษาศาสตร์ มหาวิทยาลัยมหาสารคาม*, 1(1), 6-12. [search]
2. มานิตย์ อาษานอก (2018). Development, Efficiency, and Effectiveness of Innovation for Self-learning Model. *วารสารเทคโนโลยีและสื่อสารการศึกษา คณะศึกษาศาสตร์ มหาวิทยาลัยมหาสารคาม*, 1(2), 9-18. [search]
3. มานิตย์ อาษานอก (2016). Enhancing Student Teachers' ICT Competencies through Technology Integration Method Courses Model. *วารสารครุศาสตร์ มหาวิทยาลัยราชภัฏมหาสารคาม*, 13(1), 46-56. [search]

Books / Textbooks / Teaching Documents (3)

1. มานิตย์ อาษานอก (2017). Assistive Technology for Children with Learning Disabilities (Teaching Document). *อภิชาติการพิมพ์, มหาสารคาม*. [search]
2. มานิตย์ อาษานอก, รัชนีวรรณ ตั้งภักดี, ก่อเกียรติ ขวัญสกุล (2011). Foundations of Educational Technology Paradigm (chapter in 'Foundations of Educational Paradigm'). *อภิชาติการพิมพ์, มหาสารคาม (พิมพ์ครั้งที่ 3)*, 110-122. [search]
3. มานิตย์ อาษานอก (2011). Trends in Educational Technology (chapter in 'Foundations of Educational Paradigm'). *อภิชาติการพิมพ์, มหาสารคาม (พิมพ์ครั้งที่ 3)*, 190-202. [search]