

Program Schedule

Thursday 15 th May 2025	
08:00 - 09:00	Registration
09:00 - 09:15	Report by Assistant Professor Dr. Dr.-Ing. Sunantha Sodsee , <i>Dean, Faculty of Information Technology and Digital Innovation King Mongkut's University of Technology North Bangkok</i>
09:15 - 09:30	Opening Ceremony by Professor Dr. Thanin Silpcharu , <i>President of King Mongkut's University of Technology North Bangkok</i>
09:30 - 09:45	Opening Ceremony by Assistant Professor Dr. Photjane Sukchaona , <i>President of Kanchanaburi Rajabhat University</i>
09:45 - 10:45	Invited Keynote Speech by Prof. Dr. Dursun Delen , <ul style="list-style-type: none">• Regents Professor at Oklahoma State University, Stillwater, OK, United States of America
10:45 - 11:00	<i>Coffee break</i>
11:00 - 12:00	Invited Keynote Speech by Dr. Pairoj Likhittanaset , <ul style="list-style-type: none">• Sales Administration and Support Manager of National Telecom Public Company Limited (NT)
12:00 - 13:00	<i>Lunch</i>
13:00 - 15:00	Paper Presentation
15:00 - 15:20	<i>Coffee break</i>
15:20 - 16:20	Paper Presentation

Thursday 15th May 2025

ROOM: I (Machin Learning, Data Mining, Text Mining)

13:00 - 13:20 NCCIT2025-034	Comparative Performance Analysis of Large Language Models for Supporting Learning in Public Health Emergency Management <i>Patchaya Banpot and Watchareewan Jitsakul</i>
13:20 - 13:40 NCCIT2025-039	A Comparative of Deep Learning Techniques for Product and Service Review Classification <i>Auksarapak Tooptakai and Watchareewan Jitsakul</i>
13:40 - 14:00 NCCIT2025-035	Semi-Automated Vehicle Reservation System Using a LINE Chatbot <i>Thanayuth Pinrat and Watchareewan Jitsakul</i>
14:00 - 14:20 NCCIT2025-073	Sentiment Classification of Social Media Behavior of Digital Wallet Using Data Mining Techniques <i>Buttree Sayon and Sakchai Tangwannawit</i>
14:20 - 14:40	<i>Break</i>
14:40 - 15:00 NCCIT2025-036	A Comparison of Machine Learning Techniques for Recommending Daily Nutrient Intake <i>Kultida Kulkes and Watchareewan Jitsakul</i>
15:00 - 15:20 NCCIT2025-063	Classification of Opinions on Electric Vehicle Usage Problems on Social media Using Data Mining Techniques <i>Wanwanut Kertpasom and Sakchai Tangwannawit</i>
15:20 - 15:40 NCCIT2025-068	A Comparative Study of Algorithms for Forecasting School Uniform Orders Using Data Mining Techniques <i>Nophamart Navamawat and Sakchai Tangwannawit</i>
15:40 - 16:00 NCCIT2025-024	Development of an Automated IP Address Capture Tool for Investigating Investment Fraud Cases via the LINE Application <i>Thatthep Homngam and Pramote Kuacharoen</i>
	<i>End Session</i>

Thursday 15th May 2025

ROOM: II (Cyber Security, Network)

13:00 - 13:20 NCCIT2025-012	Synthetic Phishing Chat Dataset Generation Framework with Few-Shot Learning in LLMs and Multi-Model Validation <i>Saran Hansakul and Nawaporn Wisitpongphan</i>
13:20 - 13:40 NCCIT2025-026	Analysing and Guiding of Vulnerability Management for Web Application <i>Photsawi Chongyusuksan and Sunantha Sodsee</i>
13:40 - 14:00 NCCIT2025-027	A Cyber Threat Awareness Assessment by Simulating Public Wi-Fi Hotspots <i>Nanthaphop Kruakrui and Sunantha Sodsee</i>
14:00 - 14:20 NCCIT2025-058	Comparative Vulnerability Assessment of Moodle Learning Management System Using OWASP ZAP, OpenVAS, and Nessus <i>Wutthiphat Phumphuang and Nawaporn Wisitpongphan</i>
14:20 - 14:40	<i>Break</i>
14:40 - 15:00 NCCIT2025-082	Evaluation of Cybersecurity Training Effectiveness A Case Study of Simulated Attacks in a Financial Organization <i>Wichien seatia and Pongpisit Wuttidittachotti</i>
15:00 - 15:20 NCCIT2025-077	Evaluating Web Application Vulnerability Scanning Tools for Developing Effective Cyber Attack Prevention Strategies <i>Theerapong Jampathong and Nawaporn Wisitpongphan</i>
15:20 - 15:40 NCCIT2025-028	Applying NoCode Machine Learning Models for Detecting Smishing <i>Niwat Nakchan and Sunantha Sodsee</i>
15:40 - 16:00 NCCIT2025-059	Model Development for Detecting Distributed Denial-of-Service Attacks on Mikrotik Routers <i>Jeerawat Pornsuppayakul and Pudsadee Boonrawd</i>
	<i>End Session</i>

Thursday 15th May 2025

ROOM: III (Information System, Image)

13:00 - 13:20 NCCIT2025-044	Application of Generative Artificial Intelligence for Enhancing Work Efficiency <i>Atchaporn Sarawan and Pudsadee Boonrawd</i>
13:20 - 13:40 NCCIT2025-048	An Information System for Insight Data Analytics in Health Monitoring Using Portable Vital Signs (PVS) device <i>Supachanun Wanapu, Janejeera Aksornpim, and Paisan Sukjarus</i>
13:40 - 14:00 NCCIT2025-032	Guidelines for Enhancing the Use of Artificial Intelligence in the Thai Labor Market <i>Siriwimon Phonwiang and Nalinpat Bhumpenpein</i>
14:00 - 14:20 NCCIT2025-042	Guidelines for Preventing Recidivism among Repeat Offenders within a Three-Year Period <i>Kett kongnakorn and Nalinpat Bhumpenpein</i>
14:20 - 14:40	<i>Break</i>
14:40 - 15:00 NCCIT2025-045	Guidelines for Developing Loan Applications for Digital Era in Bangkok <i>Chutiman Jansanong and Kanchana Viriyapant</i>
15:00 - 15:20 NCCIT2025-050	Factors Influencing the Enhancement of Telemedicine Services Through the WHAbit Application <i>Nat Palangjuntarapisran and Nalinpat Bhumpenpein</i>
15:20 - 15:40 NCCIT2025-030	An Analysis of Betta Fish Disease Classification Using Image Processing and Convolutional Neural Network <i>Chatchawat Wuttiyakon, Sompong Valuvanathorn, and Chatchawin Namman</i>
15:40 - 16:00 NCCIT2025-031	Inspection of Image and Color Distortion on Printed Fabric Using Image Processing Techniques <i>Apinun Panrut and Sompong Valuvanathorn</i>
	<i>End Session</i>

Thursday 15th May 2025

ROOM: IV (Factor Analysis, Information System)

13:00 - 13:20 NCCIT2025-066	Factors Influencing Generation Y's Adoption of Brain-Computer Interface Technology <i>Todsapon Manpakdee and Pramote Luenam</i>
13:20 - 13:40 NCCIT2025-067	Factors Influencing the Continuance Intention to Use an Online Platform for Recyclable Waste Collection: A Case Study of the Recycoex Mobile Application <i>Yanasa Thongsuwan and Pramote Lluenam</i>
13:40 - 14:00 NCCIT2025-047	Factors Influencing the Acceptance of Online Ticket Purchasing Services: A Case Study of the Bangkok Bus Terminal (Chatuchak) <i>Wuttichai Tangprasertsri and Montean Rattanasiriwongwut</i>
14:00 - 14:20 NCCIT2025-057	Factors affecting the Acceptance to use Technology Artificial Intelligence Natural Language Processing on office workers of Information Technology Industry in Bangkok <i>Natisak Veteechongcharoen and Nattavee Utakrit</i>
14:20 - 14:40	<i>Break</i>
14:40 - 15:00 NCCIT2025-088	The Impact of Mobile Technology on Work-Life Balance <i>Tulaluk Boonyoung and Tanapon Jentsuttiwetchakul</i>
15:00 - 15:20 NCCIT2025-072	Factors Influencing the Intention to Purchase Products through Social Media with Live Streaming Feature <i>Kattaleeya Thatsanapanit and Sakchai Tangwannawit</i>
15:20 - 15:40 NCCIT2025-074	Analysis of Factors Influencing IT Operations and Services for Internal Customers at Bank of Ayudhya Public Company Limited <i>Suppachok Saengbunkoed and Montean Rattanasiriwongwut</i>
15:40 - 16:00 NCCIT2025-081	Applying Social Monitoring to Classify Business Problems Using Text Mining <i>Panida Therdkongphan and Montean Rattanasiriwongwut</i>
	<i>End Session</i>

Thursday 15th May 2025

ROOM: V (Factor Analysis, Information System)

13:00 - 13:20 NCCIT2025-075	Factors Affecting the Acceptance of Technology in the use of Applications for Buying Selling and Saving Gold <i>Ditsanupong Suttiiphun and Nattavee Utakrit</i>
13:20 - 13:40 NCCIT2025-040	Factors Affecting the Student to use Artificial Intelligence For Learning Education in Higher Diploma student, Computer Department, Eastern Technological College (E.TECH) <i>Peerapop Intarawichian and Montean Rattanasiriwongwut</i>
13:40 - 14:00 NCCIT2025-085	The Effect of Social Media Usage Behavior On Work Performance <i>Wasin Subprinyaporn and Tanapon Jensuttiwetchakul</i>
14:00 - 14:20 NCCIT2025-049	Guidelines for Reducing the Risk of Cyber Threats in an Organization <i>Apiruck Mitprasan and Nalinpat Bhumpenpein</i>
14:20 - 14:40	<i>Break</i>
14:40 - 15:00 NCCIT2025-064	Barriers and Key Factors Influencing Resistance to the Adoption of Online Professional Networking Platform: A Case Study of LinkedIn <i>Thanutchaporn Mekkala and Pramote Luenam</i>
15:00 - 15:20 NCCIT2025-065	Factors Influencing Consumers' Intention to Use Self-Checkout Machines in Retail Stores in Thailand <i>Phanthira Reanprasert and Pramote Luenam</i>
15:20 - 15:40 NCCIT2025-079	Development of a Visual Novel Game Prototype to Enhance Communication Skills with Individuals Experiencing Depression <i>Parisa Naphakorn, Anusorn Bunteong, Kesorn Sattratham, and Kamolwat Leknawa</i>
15:40 - 16:00 NCCIT2025-083	Development of Competency-Based Learning Management System: Step towards Support System Development for Managing Outcome-Based Education <i>Pinya Sukwiphat, Nadh Ditcharoen, Supawadee Hiranpongsin, and Natthawut Banrueangthong</i>
	<i>End Session</i>

Program Schedule

Friday 16 th May 2025	
09:00 - 10:20	Paper Presentation
10:20 - 10:40	<i>Break</i>
10:40 - 12:00	Paper Presentation

Friday 16th May 2025

ROOM: I (Machine Learning, Text Mining, Date Mining)

09:00 - 09:20 NCCIT2025-055	An Analyzing Road Routes and Traffic Accidents Using Machine Learning <i>Surachai Detmee and Pudsadee Boonrawd</i>
09:20 - 09:40 NCCIT2025-056	Job-Applicant Matching Forecasting Using Time Series Data and Machine Learning <i>Kittikarn Panyu and Pudsadee Boonrawd</i>
09:40 - 10:00 NCCIT2025-037	Comparison of Occupational Classification Performance Using Feature Selection Techniques with Machine Learning <i>Apivut Tubklai and Watchareewan Jitsakul</i>
10:00 - 10:20 NCCIT2025-060	An Analysis of Customers Data by Applying Clustering and RFM-Based Behavioral Evaluation <i>Teerapat Yawichai and Pudsadee Boonrawd</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2025-061	Implementation of Machine Learning for Analyzing User Behavior and Resources of the National Library <i>Vichin Kumsuk and Pudsadee Boonrawd</i>
11:00 - 11:20 NCCIT2025-043	Performance Testing of Generative AI in Creating and Fixing Vulnerabilities in Web Applications <i>Atiwat Supamornpan and Nawaporn Wisitpongphan</i>
	<i>End Session</i>

Friday 16th May 2025

ROOM: II (Machine Learning, Text Mining, Data Mining)

09:00 - 09:20 NCCIT2025-005	Province Recognition on Thai Vehicle License Plates with Deep Learning <i>Aslan Samae, Chayanon Banyen, Napon Narangsiya, and Janya Sainui</i>
09:20 - 09:40 NCCIT2025-002	News Grouping System using Topic Modelling Algorithm: A case study of Fiscal Policy Office <i>Nuanwan Soonthornphisaj and Naiyarut Areeprayoonkij</i>
09:40 - 10:00 NCCIT2025-003	Robust ICU Mortality Prediction with Multi-Task Diffusion and Contrastive Learning Frameworks <i>Namtip Buranaburustam, Wuttipong Kumwilaisak, Chatchawarn Hansakunbuntheung, Nattanun Thatphithakkul, and Kanya Kumwilaisak</i>
10:00 - 10:20 NCCIT2025-020	Depression Detection from Social Media Text Using Different Language Datasets and Deep Learning Techniques <i>Thitima Khamgong and Aurawan Imsombut</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2025-052	Development of a Course Transfer Recommending System with Text Similarity <i>Parin Wongthong, Anek Putthidech, and Suwit Somsuphprungyos</i>
11:00 - 11:20 NCCIT2025-038	Comparison of Deep Learning Techniques for Durian Leaf Disease Classification <i>Warawut Sukkoed and Watchareewan Jitsakul</i>
11:20 - 11:40 NCCIT2025-046	Sales Forecasting System Using Deep Learning <i>Tanaphatr Wangtong, Witachai Sawatdi, Supada Sutta, and Tossaphol Settawatcharawanit</i>
	<i>End Session</i>

Friday 16th May 2025

ROOM: III (Image Processing, IOT, Information System)

09:00 - 09:20 NCCIT2025-010	An Application for Iris Center Localization Using Artificial Intelligence <i>Taned Wongpoo, Lapatrada Chotirat, Tanawat Suksawa, and Wattanapong Kurdthongmee</i>
09:20 - 09:40 NCCIT2025-080	Algorithms for Fingerprint Generation using Character-Based Grouping <i>Hemawatpakon Plabin and Nawaporn Wisitpongphan</i>
09:40 - 10:00 NCCIT2025-051	Development of a Digital Agricultural Technology-Based Prototype for Environmental Control in Greenhouses to Enhance the Growth Efficiency of Kale <i>Pattarapon Srisawad and Suwit Somsuphaprunyos</i>
10:00 - 10:20 NCCIT2025-023	Object Detection Application For Person With Visually Impaired <i>Weena Janratchakool, Uraiwan Inyaem, Phanyapat Chalermchai, and Puriwat Jitrakyard</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2025-062	Enhancing Maintenance Efficiency for Laboratory Scales According to ISO/IEC 17025:2017 Standards <i>Kheetaphan Mahakheeta and Pudsadee Boonrawd</i>
11:00 - 11:20 NCCIT2025-078	Factors Hindering Data-Driven Organization Transformation <i>Chayanit Tiemsawan and Nalinpat Bhumpenpein</i>
	<i>End Session</i>

Friday 16th May 2025

ROOM: IV (Information System, Application)

09:00 - 09:20 NCCIT2025-017	Development of an Equipment Management Website for Enhancing Resource Management Efficiency for the Office of Academic Resources and Information Technology <i>Suphachok Oonhae, Pisan Khongaed, Narong Punkong, Wiyada Pollachai, and Sirin Kangsuvan</i>
09:20 - 09:40 NCCIT2025-019	Development of a Management System for Enhancing Sales Performance with a Case Study of Ploysaii Skin <i>Uraivan Inyaem, Weena Janratchakool, Preenapan Krudthong, and Thithinan Boonyasith</i>
09:40 - 10:00 NCCIT2025-054	The Development of a Gamification-based Prototype Application to Promote Participation in Educational Institution Activities <i>Napatsiri Srisawad, Anek Putthidech, and Sangtong Boonying</i>
10:00 - 10:20 NCCIT2025-076	Development of a Cybersecurity Knowledge Platform <i>Supakarn Kajaisai and Nattavee Utakrit</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2025-091	Development of an Application for Programming Guidance Using LLM <i>Thirasak Arreeram, Supada Sutta, Pudachar poonsombut, Sanayu Jintanawannakun, and Tossaphol Settawatcharawanit</i>
11:00 - 11:20 NCCIT2025-007	The development of an Automated Essay Grading System for General Education Courses at Walailak University <i>Chulaporn Punkummerd and Wichukorn Dandecha</i>
11:20 - 11:40 NCCIT2025-092	Development of a Platform for Risk Management through the Presentation of Business Intelligence for Organizations <i>Piyatida Dechma and Montean Rattanasiriwongwut</i>
	<i>End Session</i>

Friday 16th May 2025

ROOM: V (Factor Analysis, Information System)

09:00 - 09:20 NCCIT2025-087	Factors Influencing the Continuance Intention to Use Electronic Books <i>Pilantha Pantatha and Tanapon Jentsuttiwetchakul</i>
09:20 - 09:40 NCCIT2025-071	Analysis of Factors Influencing The Decision to Use The Personal Loan Product (SPayLater) of The Shopee Application in Bangkok <i>Nichapa Puttan and Montean Rattanasiriwongwut</i>
09:40 - 10:00 NCCIT2025-033	Factors Influencing the Development and Growth of Virtual Banks in Thailand <i>Kanyavee Kornvasurom and Nalinpat Bhumpenpein</i>
10:00 - 10:20 NCCIT2025-084	Factors Influencing Artificial Intelligence Technology Acceptance for Information Retrieval <i>Jirapong Posangda and Tanapon Jentsuttiwetchakul</i>
10:20 - 10:40	<i>Break</i>
10:40 - 11:00 NCCIT2025-086	Factors Affecting Decision to Purchase Organics Food Online in Bangkok <i>Salila Junsuriyapong and Tanapon Jentsuttiwetchakul</i>
11:00 - 11:20 NCCIT2025-016	Development of E-Learning System for Competency Enhancement and Learning Assessment in Computer Programming Course <i>Todsapon Banklongsi, Thanyarat Nomponkrang, and Charun Sanrach</i>
	<i>End Session</i>