













ORAL PRESENTATION AWARD

GROUP 1

สาขาวิชาชีววิทยาและการประยุกต์ วิทยาศาสตร์การประมง
วิทยาศาสตร์สิ่งแวดล้อม วิทยาศาสตร์การเกษตร วิทยาศาสตร์สุขภาพ
จุลชีววิทยา วิทยาศาสตร์เทคโนโลยีชีวภาพ
วิทยาศาสตร์และเทคโนโลยีทางอาหาร

















is awarded to

Suriyasak Auntan and Bunyarit Sinkangam

for the Oral Presentation entitled

PRELIMINARY YIELD TRIAL EVALUATION OF WAXY CORN HYBRIDS IN PHAYAO

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Yuong Vorn and Bunyarit Sinkangam

for the Oral Presentation entitled

PRELIMINARY YIELD TRIAL OF FIELD MAIZE HYBRIDS IN PHAYAO PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Jeerasak Meerod, Piengpim Chidburee, Siripun Sarin and Aphichat Chidburee

for the Oral Presentation entitled

EFFECTS OF THE LIGHT TYPES ON GROWTH AND YIELD QUALITY OF CHERRY TOMATO CULTIVARS SWEET GIRL

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Kamolluk Deeudom, Benny K.K. Chan and Monthon Ganmanee

for the Oral Presentation entitled

EFFECT OF THERMAL STRESS ON PHYSIOLOGICAL RESPONSE OF BARNACLES IN SI CHANG ISLAND, CHONBURI PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Kasama Sudtilak, Chaiyapoom Bunchasak, Phongthorn Kongmun, K.Teepalak Rangubhet, Sombat Prasongsuk and Theerawit Poeikhampha

for the Oral Presentation entitled

THE EFFECT OF THE EMULSIFIER SUPPLEMENTATION IN DIETS ON PERFORMANCE, CARCASS QUALITY, AND APPARENT METABOLIZABLE ENERGY (AME) OF BROILER CHICKENS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Korapat Phukitirat, Jirapatch Choksirison, Non Pranuch and Piyanoot Jaihan

for the Oral Presentation entitled

COMPARISON OF ACETOBACTER XYLINUM CULTURE MEDIUM FROM FRUIT JUICE IN BIOPLASTIC PRODUCTION

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nattanitcha Ngaowkakhiaw, Phongthorn Kongmun, and K.Teepalak Rangubhet

for the Oral Presentation entitled

EFFECTS OF USING SPENT MUSHROOM SUBSTRATE ENSILED WITH WHOLE-CROP CORN ON RUMEN DIGESTIBILITY BY *IN VITRO* TECHNIQUE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Pacharapon Inaoy, Phongthorn Kongmun and K. Teepalak Rangubhet

for the Oral Presentation entitled

NUTRITIONAL VALUE AND DIGESTIBILITY EVALUATION OF NAPIER GRASS ENSILED WITH SPENT MUSHROOM SUBSTRATE BY *IN VITRO* TECHNIQUE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nongnapas Puttasaraphan, Phongthorn Kongmun, and K.Teepalak Rangubhet

for the Oral Presentation entitled

EFFECTS OF RICE STRAW QUALITY IMPROVEMENT BY LEGUMES ON RUMEN FERMENTATION AND METHANE EMISSION BY *IN VITRO* TECHNIQUE USING THE DAISY^{II} INCUBATOR

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Peerada Yookon, Montida Chuekham, Rungnapha Yodkaew, and Wipasiri Soonthornchai

for the Oral Presentation entitled

ANTIBACTERIAL ACTIVITY OF MUCUS ISOLATED FROM DIFFERENT SIZES OF THE GIANT AFRICAN SNAIL (*LISSACHATINA FULICA*)

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Long Chhovin, Supaporn Passorn, Khanchai Danmek and Rawisara Ruenwai

for the Oral Presentation entitled

PHYSICOCHEMICAL PROPERTIES OF PROTEIN ISOLATE FROM SOY SAUCE RESIDUE
AND ANTIOXIDANT POTENTIAL OF PINEAPPLE PEEL EXTRACT

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Thammanoon Temchai

for the Oral Presentation entitled

ECOLOGICAL SERVICES OF WATER YIELD AND WATER FLOW CONTROL OF THE KAENG KRACHAN FOREST COMPLEX

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Thanyaporn Tianubol, Pakornwan Luangkasemnit, Pakwan Thawon, and Anukul Buranapratheprat

for the Oral Presentation entitled

THE APPLICATION OF AN ECHO SOUNDER TO INVESTIGATE THE SHOAL OF FISH IN THE FISH SHELTERS AT SAMAE SAN ISLAND, CHONBURI PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Poorit Pootanon, Chalita Kongrit and Ekgachai Jeratthitikul

for the Oral Presentation entitled

GENETIC ANALYSIS OF CORBICULA FLUMINEA (MÜLLER, 1774) (BIVALVIA, CORBICULIDAE)
IN NATIVE SOUTHEAST ASIAN RANGE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Wasin Panich, Thanawan Tejangkura, and Thapana Chontananarth

for the Oral Presentation entitled

DEVELOPMENT OF A BIOSENSOR ASSAY FOR *ASCARIDIA GALLI* DETECTION IN CHICKEN FAECES USING LAMP COUPLED WITH LATERAL FLOW TECHNOLOGY

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Sirapat Nak-on and Thapana Chontananarth

for the Oral Presentation entitled

EPIDEMIOLOGICAL EVALUATION FOR GASTROINTESTINAL HELMINTH INFECTION IN CATTLE FROM SURAT THANI AND KHON KAEN PROVINCES USING MICROSCOPIC AND MOLECULAR BASED COPROLOGICAL EXAMINATIONS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Chakrit Somkhayan and Kanya Anukulthanakorn

for the Oral Presentation entitled

CYTOGENETICS OF EXOTIC FISH SPECIES RED-BELLIED PACU PIARACTUS BRACHYPOMUS (CUVIER, 1818) IN THAILAND

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nadthida wannarod, Thitiwattana Chunawat, Wipasiri Soonthornchai, and Kriengkrai Seetapan

for the Oral Presentation entitled

CONSTRUCTED WETLAND WITH WATER HYACINTHS (EICHHORNIA CRASSIPES) REDUCES THE CHROMOSOMAL ABERRATION IN THE SWAMP EEL (MONOPTERUS ALBUS)

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Apisit Cheukaw, Suphaporn Paenkeaw and Kittisak Buddhachat

for the Oral Presentation entitled

RAPID DNA EXTRACTION FROM CANINE BLOOD SAMPLES BY POLYMERASE CHAIN REACTION AND RECOMBINASE POLYMERASE AMPLIFICATION TECHNIQUES

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Ravipa Ukritatsadorn, Jitapa Sunjareun, and Supachai Nitipan

for the Oral Presentation entitled

CLONING AND SEQUENCE ANALYSIS OF A NOVEL LEUCINE RICH REPEAT (LRR) GENE FROM STREPTOCOCCUS AGALACTIAE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Kanokkarn Choosong, Suphada Kiriratnikom, Akkanee Pewhom and Supachai Nitipan

for the Oral Presentation entitled

DIETARY SUPPLEMENTATION WITH CORDYCEPS MILITARIS SPENT MUSHROOM SUBSTRATE EXTRACT AND PEDIOCOCCUS ACIDILACTICI TISTR 783 ENHANCING IMMUNE RESPONSE AND CYTOKINE EXPRESSION IN NILE TILAPIA (OREOCHROMIS NILOTICUS)

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Tassapon Kertsook, Sukhontha Siri, Suwanna Chaorattanakawee, Wanarit Jitsamai, and Varakorn Kosaisavee

for the Oral Presentation entitled

EFFICACY OF COFFEE GROUNDS FOR THE ELIMINATION OF ASCARIS SUUM EGG IN SLUDGE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Wichuda Klawech

for the Oral Presentation entitled

EFFECT OF NITROGEN SOURCES OF CORDYCEPIN PRODUCTION FROM CORDYCEPS MILITALIS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

M. Natthapitch, Y. Winitchaya, P. Kulwarin, L. Hathairat, and T. Thanyaporn

for the Oral Presentation entitled

EFFECTS OF PACLOBUTRAZOL ON THE GROWTH OF (THRIXSPERMUM SP.) IN VITRO

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Airada Khinghom and Wittaya Pakum

for the Oral Presentation entitled

THE EFFECT OF 6-BENZYLAMINOPURINE AND THIDIAZURON ON IN VITRO PROPAGATION OF KALANCHOE BEHARENSIS DRAKE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Chutima Hongcharoenthai, Satachanakamon Sankhaphong, and Sarassawadee Pookorn

for the Oral Presentation entitled

STUDY ON SUITABLE TREATMENT CONTAINING 2,4-DICHLOROPHENOXYACETIC ACID ON CALLUS INDUCTION FROM PSL-92147-1-2-4 AND LEUM PUA GLUTINOUS RICE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

20U Singrague















is awarded to

Aphichaya Sangkaew, Tantara Treesuttacheep, and Juangjun Jumpathong

for the Oral Presentation entitled

SCREENING OF PHYLLOPLANE BACTERIA FOR CONTROLLING XANTHOMONAS ORYZAE PV. ORYZAE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Napath Pakdeewong and Sirijit Janpon

for the Oral Presentation entitled

THE GROWTH RATE OF THERMOTOLERANT YEAST UNDER MULTI-STRESS FACTORS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Manassanun Kanthatsakul, Rawisara Ruenwai and Supaporn Passorn

for the Oral Presentation entitled

EFFECTS OF NITROGEN AND CARBON SOURCES ON THE INULINASE PRODUCTION FROM STRAIN *PENICILLIUM CITRINUM* IS13

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nichikarn Diewsurin, Paepilai Panyatipsakul, and Manupat Lohitnavy

for the Oral Presentation entitled

PHYSIOLOGICALLY BASED PHARMACOKINETIC / PHARMACODYNAMIC MODELING OF KETAMINE IN HUMANS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Natdanai Pan-in, Pranee Nangngam, and Charun Maknoi

for the Oral Presentation entitled

CARBON ACCUMULATION IN ABOVE GROUND BIOMASS OF TREE IN NATURAL FOREST AT BAN ROMKLAO BOTANICAL GARDEN PHITSANULOK UNDER THE ROYAL INITIATIVE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Chonlada Kajai and Sukthai Pongpathanasiri

for the Oral Presentation entitled

ASSESSING THE CARBON FOOTPRINT AND CREATING GUIDELINES TO REDUCE GREENHOUSE GAS EMISSIONS OF HALAL FOOD PRODUCTS. CASE STUDY: SALTED GU LAO FISH PRODUCTS KULAO THONG MAE PAN TAK BAI

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















CERTIFICATE OF EXCELLENT ORAL PRESENTATION

is awarded to

Jenjira Thamklang and Bunyarit Sinkangam

for the Oral Presentation entitled

ADVANCE YIELD TRIAL OF MAIZE HYBRIDS INTEGRATING OF PUBLIC INSTITUTES IN PHAYAO AND LAMPANG

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















CERTIFICATE OF EXCELLENT ORAL PRESENTATION

is awarded to

Chonticha Phromduang and Watanachai Lontom

for the Oral Presentation entitled

EVALUATION OF SALINITY-INDUCED PROGRESSIVE LEAF TEMPERATURE CHANGES IN RD6 AND SALT-TOLERANT RD6 RICE SEEDLINGS USING A SIMPLE THERMAL IMAGING TECHNIQUE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















CERTIFICATE OF EXCELLENT ORAL PRESENTATION

is awarded to

Supidcha Natee, Jirawat Sanitchon and Maysaya Thitisaksakul

for the Oral Presentation entitled

EVALUATING PHYSIOLOGICAL RESPONSES OF NEWLY IMPROVED RD6 RICE WITH INTROGRESSED *SALTOL* QTL TO SALINITY STRESS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Wongsakorn Wongla and Watanachai Lontom

for the Oral Presentation entitled

EXOGENOUS SILICON ALLEVIATES SOME SALT STRESS DAMAGE IN KDML105 RICE SEEDLINGS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Pimmada Pattrapadit and Phasini Sakulmaeka

for the Oral Presentation entitled

A STUDY ON THE EFFECT OF DAILY LIGHT INTEGRAL ON GROWTH OF ASIATIC PENNEYWORT (CENTELLA ASIATICA L.) GROWN IN CLOSED SYSTEM

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Krit Chaiwong, Chutiwat Phuengpakdee, Thanaphat Phra-Thaen, Kritsana Krajabthong and Rungkan Klahan

for the Oral Presentation entitled

THE PRODUCTION OF FLATHEAD LOBSTER (*THENUS ORIENTALIS* (LUND, 1793))
IN CLOSE SYSTEM WITH SMART FARM

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Donlaya Pinmuang, Phanupong Changtor and Nonglak Yimtragool

for the Oral Presentation entitled

EFFECT OF SUPPLEMENTATION OF *CENTELLA ASIATICA* CRUDE EXTRACT IN GIANT FRESHWATER PRAWN DIETS ON GROWTH PERFORMANCE, IMMUNE SYSTEM AND GUT MICROBIOME

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Jiraporn Tasonthia, Dumrongsak Pekthong and Sutin Kingtong

for the Oral Presentation entitled

CHRONIC EXPOSURE OF SIMVASTATIN DISRUPTS HISTOLOGY AND PROTEIN PROFILE OF THE HOODED OYSTER (SACCOSTREA CUCULLATA)

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Phatchara Chaisena, Choawit Rakangtong, Chaiyapoom Bunchasak and Wiriya Loongyai

for the Oral Presentation entitled

EFFECT OF YEAST AUTOLYSATE ON THE PRODUCTIVITY AND IMMUNE STATUS IN LACTATING SOWS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Apisit Ongsara, Khaem Longnapa, and Arraya Jeanmas

for the Oral Presentation entitled

EFFECTS OF CRUDE PALM OIL SUPPLEMENTATION ON EGG PRODUCTION PERFORMANCE, EGGS QUALITY, AND BLOOD SERUM LIPID PROFILE IN LAYING HEN

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Pantaree Visessing, Chaiyapoom Bunchasak and Choawit Rakangthong

for the Oral Presentation entitled

EFFECTS OF ORGANIC MINERAL SUPPLEMENTATION IN DIET ON GROWTH PERFORMANCE AND PRODUCTION COST IN BROILER CHICKENS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Thanathip Supcharoenkul, Nattharin Phisitaukara, Choawit Rakangtong, Chaiyapoom Bunchasak, Komwit Surachat and Wiriya Loongyai

for the Oral Presentation entitled

EFFECT OF DIETARY SUPPLEMENTATION OF HABANERO PEPPER POWDER ON MEAT QUALITY AND GROWTH PERFORMANCE OF BROILER CHICKENS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

20Us Sinusavii















is awarded to

Suttaon Trongtokit, Keeratiyada Sanyos, and Pongsanat Pongcharoen

for the Oral Presentation entitled

EFFECTS OF STRESS FACTORS ON CELL SURVIVAL AND ANTIOXIDANT PRODUCTION
BY THERMOTOLERANT YEAST

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

20Us Ingraduit















is awarded to

Jaruwan Thepsiri, Sasiporn Audtarat and Thananchai Dasri

for the Oral Presentation entitled

SYNTHESIS OF SILVER NANOWIRES USING HYDROTHERMAL METHOD
AND THEIR ANTIMICROBIAL APPLICATIONS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Peeraya Punpeng, Panida Thanyasrisung, Prompong pienpinijtham, and Nattanan Govitvattana

for the Oral Presentation entitled

REMINERALIZING EFFECTS OF NANO-SILVER FLUORIDE ON ARTIFICIAL DENTINE CARIES IN A BIOFILM-CHALLENGED ENVIRONMENT (PILOT STUDY: *IN-VITRO* STUDY)

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Kantida Chaiyo, Komsak Pintha, Payungsak Tantipaiboonwong, Warunya Phukkham and Wipasiri Soonthornchai

for the Oral Presentation entitled

ANTIOXIDANT ACTIVITIES AND POLYPHENOL CONTENTS OF BIDENS PILOSA L. LEAF EXTRACTS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Chanapat Maneeted, Theeraphol Senphan, Natthaphong Mungmuang, and Ratchanee Puttha

for the Oral Presentation entitled

DEVELOPMENT OF DRINKING JAPANESE SWEET CORN SUPPLEMENTED WITH INULIN
TO ADD VALUE OF LOW-GRADE CORN

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

20U Singraguis















is awarded to

Piyada Limpitireungkit and Siwaporn O'Chareon

for the Oral Presentation entitled

DEVELOPMENT OF SUGAR-REDUCED SPREAD FROM POMELO

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Jongkonnee Padungkasem, Ekaruth Srisook, and Klaokwan Srisook

for the Oral Presentation entitled

IMPACT OF EXTRACTION METHODS AND SOLVENTS ON ANTIOXIDANT AND ANTI-INFLAMMATORY
ACTIVITIES OF ETLINGERA PAVIEANA RHIZOMES

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Palida Buresree, Thanchanok Chitnarong, Nattakarn Daengmanee, and Preuttiporn Supaphon

for the Oral Presentation entitled

ANTIOXIDANT AND ANTIMICROBIAL ACTIVITIES OF SANGYOD RICE SPROUT EXTRACT AND UTILIZATION IN JELLY

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Raekkhwan Polthanya, Nipada Ruankaew Disyatat, and Pongchai Dumrongrojwatthana

for the Oral Presentation entitled

BIRD DIVERSITY AND COMMUNITY COMPOSITION IN PLANTED FORESTS, NAN PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Nada Yimatsa, Sasitorn Poungparn, Suthathip Umnouysin, and Chadtip Rodtassana

for the Oral Presentation entitled

PRELIMINARY FIELD APPLICATION OF TEA BAG METHOD FOR ROOT DECOMPOSITION STUDY IN

AN ESTUARINE MANGROVE FOREST AT TRAT PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Khwanruan Naksuwankul, Ajjima Thongbor, Chuleeporn Chantharasena, Weeranuch Khottawong, Chotika Ong-ardnarong, Sittiporn Parnmen, Nattakarn Nooron and Sujitra Sikaphan

for the Oral Presentation entitled

A DEVELOPMENT AI APPLICATION FOR IDENTIFICATION OF WILD MUSHROOM SPECIES
ON IOS OPERATING SYSTEM

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Ason Meenapha and Vipoosit Mantrachitra

for the Oral Presentation entitled

THE SPECIES COMPOSITION AND ABUNDANCE OF MARINE FISH ON ARTIFICIAL REEF (FISH DOME) AT SAMAE SARN ISLAND, CHON BURI PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Phitsanuphakhin Chaimongkhon and Kewalin Sukkad

for the Oral Presentation entitled

DIVERSITY OF PHOTOTROPHIC EUGLENOID PROTOZOA (EUGLENOZOA) RELATED TO WATER QUALITY

DURING THE RAINY SEASON TIME PERIOD IN MAE MOEI RESERVOIR,

MAE THA DISTRICT, LAMPHUN PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Vichaya Gunbua and Apisak Chairojwattana

for the Oral Presentation entitled

THE PREDICTION OF EUTROPHICATION WITH FACTORS OF WATER QUALITY AND PHYTOPLANKTON

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Nut Boongon, Penchan Laongmanee, and Wirote Laongmanee

for the Oral Presentation entitled

COASTAL BOTTOM TOPOGRAPHY MAPPING USING MARKET GRADE SIDE SCAN SONAR

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Chitra Ear, Korntip Kannika, Sontaya Sookying, Chatmongkon Suwannapoom, and Paiboon Panase

for the Oral Presentation entitled

EFFECTS OF ANDROGRAPHIS PANICULATE EXTRACT ON HEMATOLOGICAL INDICES,
LYSOZYME ACTIVITY AND CUMULATIVE MORTALITY OF HYBRID CATFISH
(CLARIAS MACROCEPHALUS × C. GARIEPINUS) AFTER AEROMONAS HYDROPHILA INJECTION

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Sukanya Noramat, Chanitsara Thongmee, and Klaokwan Srisook

for the Oral Presentation entitled

COMPARATIVE BIOLOGICAL ACTIVITIES OF ZINGIBERACEAE PLANTS HARVESTED IN EASTERN THAILAND

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

SOU STREET















is awarded to

Ponrujee Yongsiri, Toemthip Poolpak, Somsak Panha, Maleeya Kruatrachue and Ekgachai Jeratthitikul

for the Oral Presentation entitled

MICROPLASTIC CONTAMINATION IN COMMERCIAL BIVALVES FROM A SEAFOOD MARKET IN EASTERN OF THAILAND

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Mirantee Deecharern, Jantana Panpran, Nopphawan Srasaengta, Chanchai Kahapana, Suttida Kongjay and Anchana Pattanasupong

for the Oral Presentation entitled

STUDY ON PROPERTIES OF NATURAL WATER FOR READY BIODEGRADABILITY TEST

ACCORDING OECD 301F

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nirunrut Pomoim, Supattra Limpiyaprapan, Natthakiat Phadungkamol, Thanakorn Kheunsen and Khuansupa Srisombat

for the Oral Presentation entitled

ECOLOGY DISTRIBUTION AND CONSERVATION STATUS OF WILD ORCHID OF PLEIONE GENUS IN THAILAND

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Thanaporn Wongkham, Juthamas Chaiwanon and Sira Sriswasdi

for the Oral Presentation entitled

ANALYSIS OF EXPRESSION PATTERNS OF BRASSINOSTEROID-RESPONSIVE GENES IN ARABIDOPSIS ROOT USING SINGLE-CELL RNA SEQUENCING DATASET

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Fartima Yeemard, Wisit Chaveepojnkamjorn, Sukhontha Siri, and Tawatchai Apidechkul

for the Oral Presentation entitled

FACTORS ASSOCIATED WITH POOR GLYCEMIC CONTROL AMONG AKHA PATIENTS WITH TYPE 2
DIABETES MELLITUS, CHIANG RAI, THAILAND: A HOSPITAL-BASED CASE-CONTROL STUDY

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Patcharin Klatpan, Wisit Chaveepojnkamjorn, and Natnaree Aimyong

for the Oral Presentation entitled

FACTORS ASSOCIATED WITH TYPE 2 DIABETES MELLITUS AMONG NEW CASES IN DAMNOEN SADUAK HOSPITAL, RATCHABURI PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















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Pimpisut Thampipattanakul, Wisit Chaveepojnkamjorn, and Natnaree Aimyong

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FACTORS ASSOCIATED WITH HYPERTENSION AMONG CLIENTS AT DAMNOEN SADUAK HOSPITAL, RATCHABURI PROVINCE

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Suphanida Kaewkamchai, Waleerat Sukarawan, Panida Thanyasrisung, and Siriporn Songsiripradubboon

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พัชรีย์ ขัดศิริ, วิลาวัณย์ ภมรสุวรรณ และวนิดา ชูอักษร

for the Oral Presentation entitled

THE STUDY OF THE CARBON FOOTPRINT OF AN SCHOOL CASE STUDY OF PHRA PARIYATTIDHAMMA SCHOOL, NAN PROVINCE

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Lakkana Meesang, Kornkamon Wongchu, Pimnara Thulathan, and Piyanoot Jaihan

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EFFICIENCY OF ANTIBACTERIAL ACTIVITY FROM CRUDE EXTRACT OF CANNABIS SATIVA SUBSP. SATIVA

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AND INFLUENCES APOPTOSIS IN MDA-MB-231 CELLS

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APPLICATION OF ADVANCED MASS SPECTROMETRY-BASED PROTEOMICS TO IDENTIFY AND QUANTIFY PLASMA PROTEINS OF PATIENTS WITH COLORECTAL CANCER

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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GROUP 2 สาขาวิชาเคมี เคมีประยุกต์และเคมีอุตสาหกรรม

















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CHEMICAL CONSTITUENTS AND BIOLOGICAL ACTIVITIES OF ESSENTIAL OIL FROM MANSOA ALLIACEA L. FLOWERS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















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presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















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EFFECT OF MITRAGYNINE EXTRACTED FROM KRATOM LEAVES (MITRAGYNA SPECIOSA)
ON INHIBITION OF ESCHERICHIA COLI AND STAPHYLOCOCCUS EPIDERMIDIS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















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SAGO PALM FIBER NANOCELLULOSE AS A SUSTAINABLE ADSORBENT FOR MALACHITE GREEN DYE REMOVAL AND ITS APPLICATION IN ENVIRONMENTAL REMEDIATION

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ON ACTIVATED CARBON FOR ANTIBACTERIAL ACTIVITY

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CONFORMATIONAL ITINERARY OF MELIBIOSE DURING TRANSGLYCOSYLATION BY α -GALACTOSIDASE

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Thamonwan Pattanapradit, Donlacha Chompooming, Wijitra Meelua and Jitrayut Jitonnom

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COLLECTED FROM NAKHON PHANOM

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INTERMOLECULAR INTERACTIONS OF QUINOLINE DERIVATIVES TO HUMAN SERUM ALBUMIN USING FLUORESCENCE-SPECTROSCOPY, MOLECULAR DOCKING,
AND MOLECULAR DYNAMICS SIMULATIONS

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QUICK AND EASY CHLORIDE DETERMINATION TEST KIT ANALYZED BY WEB APPLICATION FOR GROUNDWATER SAMPLES

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THE DEVELOPMENT OF ELECTROCATALYSTS FOR XYLITOL FUEL CELLS

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Ratchadaporn Seedad, Pornpimol Prayongpan and Kriangsak Songsrirote

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ORAL PRESENTATION AWARD

GROUP 3 สาขาวิชาคณิตศาสตร์ คณิตศาสตร์ ประยุกต์ สาขาวิชาสถิต

















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THE EXPECTED LOTTERY PRIZE AND THE ACCURACY OF TWO DIGITS LOTTERY NUMBER

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ON ABSORB BE-ALGEBRAS

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Ekkachai Laysirikul and Natthawarun Pinin

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THE NUMBERS OF NUMERICAL SEMIGROUPS $\{0\}$ \cup [a,b] \cup [c,d] \cup $[e,\infty)$ WITH THE SAME FROBENIUS NUMBER

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Supphachai Sonwai and Chakkrid Klin-eam

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(1+u) constacyclic and cyclic codes over $^{\mathbb{F}_2[u]}/_{\langle u^4
angle}$

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Usanee Janthasuwan, Suparat Niwitpong and Sa-Aat Niwitpong

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PAYMENT SUSPENSION DURING THE CONTRACT OF THE INSURED
BY USING THE MACHINE LEARNING TECHNIQUE

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Chiraphon Aphirakmongkhon, Wanlaya Keawcha, Grienggrai Rajchakit and Jeerawan Patcharaprakiti

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A MATHEMATICAL MODEL OF HAND, FOOT, AND MOUTH DISEASE WITH THE INVESTIGATION OF THE LOCKDOWN EFFECT

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BY CLOVE EXTRACT

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ORAL PRESENTATION AWARD

GROUP 4 สาขาวิชาวิทยาศาสตร์ศึกษา และคณิตศาสตร์ศึกษา

















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THE ORGANIZATION OF LEARNING ACTIVITIES ON THE FACTORIZATION OF ONE VARIABLE TWO-DEGREE POLYNOMIAL USING GAMES BASE LEARNING TO PROMOTE ALGEBRAIC THINKING OF GRADES 8 STUDENTS

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A STUDY ON THE EFFECT OF LEARNING MANAGEMENT OF INTRODUCTION TO DATA SCIENCE COURSE WITH JARU MODEL FOR MATTHAYOMSUKSA 4 STUDENTS OF SATTHASAMUT SCHOOL

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















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MODEL-BASED LEARNING ACTIVITIES COMBINED WITH GAME-BASED TEACHING METHODS PROMOTE CRITICAL THINKING SKILLS IN THE EARTH AND NATURAL RESOURCES LEARNING UNIT FOR JUNIOR HIGH SCHOOL STUDENTS

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CURRENT TRENDS TOWARD ENHANCING SCIENTIFIC LITERACY

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Taweesit Panyayong, Methasit Jaengklang, Thanawat Kheedkhin, Ratchaneewan Sangpanya and Phitchaon Fongda

for the Oral Presentation entitled

MATHEMATICS LEARNING MANAGEMENT INNOVATION USING INFOGRAPHICS AND WORD WALLS FOR SCHOOLS WITH TEACHER SHORTAGES

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IN VOLLEYBALL WOMEN'S NATIONS LEAGUE 2022

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















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RELATIONSHIP BETWEEN BEHAVIOR AND FOOD CONSUMPTION KNOWLEDGE ACCORDING TO NUTRITION PRINCIPLES OF EXERCISE SCIENCE AND SPORTS STUDENTS UNIVERSITY OF PHAYAO

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















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ON GLOBAL AND NATIONAL RESOURCE TOPICS

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THE USE OF PHET INTERACTIVE SIMULATION IN FUNDAMENTAL PHYSICS LABORATORY: ELECTROMOTIVE FORCE AND INTERNAL RESISTANCE

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is awarded to

Adisorn Buranawong and Nirun Witit-anun

for the Oral Presentation entitled

SIMPLE APPARATUS FOR MEASURING SPEED OF SOUND IN AIR AT VARIOUS TEMPERATURES
BY FREQUENCY DOMAIN RESONANCE TUBE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















POSTER PRESENTATION AWARD

GROUP 5 สาขาวิชาคอมพิวเตอร์ เทคโนโลยีสารสนเทศ วิทยาการข้อมูล

















is awarded to

Apichai Suesatsakulchai, Wanchana Choobanjong, and Namida Suesatsakulchai

for the Oral Presentation entitled

DEVELOPMENT OF DASHBOARD FOR THE SATISFACTION ASSESSMENT

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Piyamas Kaewinta, Kaewarin Jandum and Sitthidet Vachirasricirikul

for the Oral Presentation entitled

A DEVELOPMENT OF DVe-SAR SYSTEM TO REPORT SELF ASSESSMENT RESULTS FOR DEPARTMENT LEVEL AT CHIANG RAI VOCATIONAL COLLEGE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nguyen Hoang Anh and Duangduen Asavasuthirakul

for the Oral Presentation entitled

A TEAM-MEMBER RECOMMENDATION SYSTEM TO ASSIGNED TASKS
USING ANALYTIC HIERARCHY PROCESS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Sivapriya Prasertsung, Kaewarin Jandum and Sitthidet Vachirasricirikul

for the Oral Presentation entitled

INFORMATION SYSTEM DEVELOPMENT FOR MANAGEMENT OF SMALL DISTILLED LIQUOR FACTORIES OF PHAYAO AREA EXCISE OFFICE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Chairoj Lorpaiboon and Wirat Jareevongpiboon

for the Oral Presentation entitled

HYBRID-DIMENSION ASSOCIATION RULE AND CUSTOMER CLUSTERING:
CASE STUDY IN CONSTRUCTION BUSINESS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Siriwan Ruenrom and Niti lamchuen

for the Oral Presentation entitled

MULTI-SCENARIO SATELLITE DROUGHT ASSESSMENT USING MOISTURE STRESS INDEX (MSI) IN MAE SUK WATERSHED, MAE CHAI DISTRICT, PHAYAO PROVINCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

3.DU S















is awarded to

Napat Menichai, Kanit Meaungsong, Grit Tongkhundam and Naphat Keawpibal

for the Oral Presentation entitled

DESIGN OF A CONTROLLED WHEELCHAIR WITH SMART WEARABLE DEVICE USING GYROSCOPE SENSOR FOR ASSISTING PEOPLE WITH DISABILITIES

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Pannathat Kantangkul, Teerapat Vatpitak, Grit Tongkhundam and Naphat Keawpibal

for the Oral Presentation entitled

MEDICAL APPOINTMENT SCHEDULING SOFTWARE USING Q CARE APPLICATION FOR CLINICS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Pongsarit Katekeaw, Thitirat Meesawat, Noppamas Pukkhem and Naphat Keawpiba

for the Oral Presentation entitled

DEVELOPMENT OF MOBILE APPLICATION FOR TRACKING MEDICATIONS OF ELDERLY PATIENTS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

20Us Ingrass















is awarded to

Praifa Kosasirisin, Anamai Na-udom and Jaratsri Rungrattanaubol

for the Oral Presentation entitled

COMPARISON OF CLASSIFICATION MODELS PERFORMANCE WITH FINANCIAL DATA

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Jeerabhat Supapinit and Aukrit natkaeo

for the Oral Presentation entitled

AUTOMATIC ATTENDANCE SYSTEM WITH FACIAL RECOGNITION

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Phanu Uthaisri, Jakkrit Suwanmongkhol, Chanon Porjai and Nuttanun Phromwan

for the Oral Presentation entitled

A COMPARISON OF THE ACCURACY OF AERIAL IMAGERY MAPS OBTAINED FROM SMALL UNMANNED AERIAL VEHICLES AT VARIOUS ALTITUDES

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Siriwimon Mo-In, Patcharee Maneerat and Pisit Nakjai

for the Oral Presentation entitled

AUTOMATIC FLOWER DETECTION FOR SOME ORCHID IDENTIFICATION
USING CONVOLUTION NEURAL NETWORKS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Chareewal Klomklom and Sutasinee Jitanan

for the Oral Presentation entitled

FACE EMOTION CLASSIFICATION OF HUMAN USING CONVOLUTIONAL NEURAL NETWORK TECHNIQUE OF DEEP LEARNING

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















ORAL PRESENTATION AWARD

GROUP 6 สาขาวิชาฟิสิกส์ พลังงาน ดาราศาสตร์ และวัสดุศาสตร์

















is awarded to

Nisamon Thongham, Suwit Pethauylung, Pornpana Buaphet,
Narit Klompong and Sutthisa Konruang

for the Oral Presentation entitled

EFFECT OF POTASSIUM OLEATE ON X-RAY ATTENUATION PROPERTIES OF NATURAL RUBBER/BARIUM SULFATE COMPOSITE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Pitichod Jitkaew, Waranthon Wanichnam, and Pitak Pooljareansin

for the Oral Presentation entitled

DEVELOPMENT OF pH AND HUMIDITY MEASUREMENT AND CONTROL SYSTEMS IN HYDROPONIC PLANTS GREENHOUSES WITH IOT TECHNOLOGY BY BLYNK APPLICATION ON A SMARTPHONE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Noppadon Sisuk, Pattanasak Sahavisit, Surat Buran, Piyaphon Prakhongchai and Kreangsak Promphak

for the Oral Presentation entitled

RECOGNITION OF SQUAT STRENGTH EXERCISES BASED ON MACHINE LEARNING SYSTEM

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Kanticha Kankaew, Sataporn Tippayaruck, Jiraphat Phusamlee, Natha Onintr, Nuttawut Kantham, Natthaphat Thongyoo, Pornrad Srisawad and Phacharatouch Chaimongkon

for the Oral Presentation entitled

ANISOTROPIC FLOW IN Au + Au COLLISION AT 1 A GeV BY USING QUANTUM MOLECULAR DYNAMICS MODEL

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Phicharn Phommajak and Kridsanaphong Limtragool

for the Oral Presentation entitled

THEORICAL STUDY OF ELECTRICAL PROPERTIES OF TWISTED BILAYER GRAPHENE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Kanjarat Piamsuwongthong and Priyakorn Rachaprommin

for the Oral Presentation entitled

TRASH SEPARATOR

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Sudarat Tokampang, Nattapong Apirattanon, Noppadon Sisuk and Kreangsak Promphak

for the Oral Presentation entitled

MEASUREMENT AND CONTROL SYSTEM FOR WATER AND NUTRIENT SUPPLY

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Noppadon Sisuk, Tada Onkhong, Anucha Kaewpoonsuk, Pramote Wardkien and Pott Pongpaopattanakul

for the Oral Presentation entitled

WEARABLE ECG AND HEART RATE RECORDER FOR SMART HEALTHCARE SYSTEMS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Chayapat Wiangnaksansuk, Tipwan Suppasat and Niyom Hongsith

for the Oral Presentation entitled

DEVELOPMENT OF A SENSOR SYSTEM FOR MEASURING SOUND FREQUENCY IN BEEHIVES TO ANALYZE THE BEHAVIOR OF BEES AFTER BEING IMPACTED BY EXTERNAL NOISE DISTURBANCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Nanthapat Chanapai, Phitsanu Poolcharuansi, and Nopphon Saowiang

for the Oral Presentation entitled

EFFECT OF SOURCE-TO-SUBSTRATE DISTANCE ON RADIAL DISTRIBUTION OF TA-C FILMS IN FILTERED CATHODIC ARC DISCHARGE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Pimchanok Pitakassawakul and Pravej Serichetaphongse

for the Oral Presentation entitled

THE EFFECT OF DIFFERENT FUNCTIONAL MONOMER OF ZIRCONIA PRIMER AND UNIVERSAL ADHESIVE ON SHEAR BOND STRENGTH OF ZIRCONIA TO COMPOSITE RESIN USING RESIN CEMENT

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Saisunee Jitkla, Kanok Boonkerd and Sirilux Poompradub

for the Oral Presentation entitled

INFLUENCE OF FORMIC ACID CONCENTRATION ON PROPERTIES OF RUBBER RIBBED SMOKED SHEET

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Dachaphon Kealkaew and Atthakorn Thongtha

for the Oral Presentation entitled

INTEGRATING PHASE CHANGE MATERIALS TO THE SHERA WOOD WALL FOR IMPROVING THE EFFICIENCY OF HEAT TRANSMISSION REDUCTION

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nattapon Kongwattana, Kaokanya Sudprasert and Chakrit Tachaapaikoon

for the Oral Presentation entitled

STUDY OF PRODUCTION OF 5-HYDROXYMETHYLFURFURAL FROM CORN COBS
BY DEHYDRATION REACTION USING FORMIC ACID AND SODIUM HYDROXIDE AS REAGENTS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Rapatpon Thakonprajak, Wachira nukaew, Anupoom tatiwan and Aukrit natkaeo

for the Oral Presentation entitled

INVESTIGATION OF FIRE RESISTANCE AND PHYSICAL PROPERTIES OF REFRACTORY BRICK USING OIL PALM BUNCH

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Sasiwimon Kaewthongsorn, Sutthisa Konruang and Pornpana Buaphet

for the Oral Presentation entitled

PREPARATION OF CELLULOSE SEPARATOR FOR LITHIUM-ION BATTERY
FROM RED WATER LILY AND WATER HYACINTH FIBERS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Anucha Kaewpoonsuk

for the Oral Presentation entitled

MOIRÉ FRINGES ANALYSIS OF PARALLEL GRATINGS BY ELIMINATING
THE EFFECT OF HIGH FREQUENCY COMPONENTS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Patharacha Kongchana and Panupong Jaiban

for the Oral Presentation entitled

THE BIOFILM-BASED TRIBOELECTRIC GENERATOR FROM DURIAN PEEL

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Prangwilai Phuttami and Panupong Jaiban

for the Oral Presentation entitled

TRIBOELECTRIC GENERATOR FROM THE NATURAL RUBBER

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nattapon Kongtaworn and Panupong Jaiban

for the Oral Presentation entitled

ELECTRIC ENERGY HARVESTING FROM MECHANICAL FORCE BY CASSAVA BIOPLASTIC FILMS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Wannapa Khamjeen, Panadda Sittiketkorn, Lalana Nunthagornpituk, Sutaphat Phansuwan, Nutkamol Suwannasri, Oraorn Kaewchot, Kristiya Tomuang, Natthaphat Thongyoo, Yaphakhakorn Chaimongkon, Pornrad Srisawad and Phacharatouch Chaimongkon

for the Oral Presentation entitled

COLLECTIVE EXPANSION OF K+ MESONS IN HEAVY-ION COLLISIONS ON THE EFFECT OF IN-MEDIUM KAON POTENTIAL AND THE NUCLEAR EQUATION OF STATE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Kanjarat Piamsuwongthong and Priyakorn Rachaprommin

for the Oral Presentation entitled

HEART RATE AND BLOOD OXYGEN SATURATION MONITOR BASED ON IOT

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

Tosapol Maluangnont

for the Oral Presentation entitled

TEMPERATURE DEPENDENCE OF AC ELECTRICAL PROPERTIES
IN GRAPHITIC CARBON NITRIDE COMPACT

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nattapong Apirattanon, Sudarat Tokampang, Noppadon Sisuk and Kreangsak Promphak

for the Oral Presentation entitled

DEVELOPMENT OF AN APPLICATION TO MEASURE ARTERIAL OXYGEN SATURATION AND MONITOR FALLS IN THE ELDERLY USING ML AND IOT

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

20Us















is awarded to

Sutthisa Konruang, Tanyawan Rodpayung , Thawatchai Tepnual ,
Pornpana Buaphet and Narit Klompong

for the Oral Presentation entitled

STUDY OF PHYSICAL PROPERTIES AND GAMMA-RAY SHIELDING PROPERTIES OF NATURAL RUBBER /CALCIUM CARBONATE COMPOSITE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Nirun Witit-anun and Adisorn Buranawong

for the Oral Presentation entitled

INFLUENCE OF ALUMINIUM CONTENTS ON THE STRUCTURE AND HARDNESS OF CHROMIUM ALUMINIUM NITRIDE THIN FILMS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Viruntachar Kruefu, Kata Jaruwongrungsee, Narong Chanlek and Anurat Wisitsoraat

for the Oral Presentation entitled

EFFICIENT DETECTION OF SO₂ GAS USING rGO/SnO₂ NANOCOMPOSITES-BASED SENSORS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Chayapon lemsonthi, Seksit Lorwilai, Panuwit Sankaokam Orapin Riyaprao and Cherdsak Saelee

for the Oral Presentation entitled

THE OFF-CARDINAL ALIGNMENT OF CHIANG MAI'S CITY PLAN IN RELATION TO THE ORION'S BELT

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Araf Laerosa, Siriporn Pradit, Montri Luengchavanon and Prakrit Noppradit

for the Oral Presentation entitled

OPTICALLY STIMULATED LUMINESCENCE DATING REVEALED THE LATE QUATERNARY COASTAL SEDIMENTS IN SONGKHLA COAST, THAILAND

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Pongsak Khokhuntod, Ratchanoo Katman and Attapon Amthong

for the Oral Presentation entitled

THE EFFECTS OF INITIAL NUMBERS OF DICE ON DECAY CONSTANT

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Paradorn Pakdeevanich, Sittisak Jaiyindee and Kanok Hournkumnuard

for the Oral Presentation entitled

APPLYING OPTICAL TECHNIQUE TO DETERMINE VALUE OF YOUNG'S MODULUS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Passara Suwanasing, Kanoktip Boonkerd and Sirilux Poompradub

for the Oral Presentation entitled

PROCESS OPTIMIZATION OF RECLAIMED RUBBER PREPARATION FROM TIRE WASTE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

20Us Inunavita















ORAL PRESENTATION AWARD

GROUP 7 สาขาวิชาสาขาวิชาวิทยาศาสตร์ นวัตกรรมเชิงพาณิชย์

















CERTIFICATE OF GOOD ORAL PRESENTATION

is awarded to

Thanpisit Peekaew, Nophakon Kantakad and Sarit Promthep

for the Oral Presentation entitled

AN AUTOMATED GUIDED VEHICLE ROBOT FOR TRANSPORT IN CONFINED PLACE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Waritsara Jongsomboonpoka and Jinjuta Tamruang-it

for the Oral Presentation entitled

LIFTING POSTURE MONITORING APPLICATION FOR PREVENTING ERGONOMICS RISK FACTORS

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Wee Warasincahi and Boonsong Henngam

for the Oral Presentation entitled

PLASTIC BOTTLE RECYCLING MACHINE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















is awarded to

Chunkamol Panyayong and Nattakan Sricharoen

for the Oral Presentation entitled

DEVELOPMENT OF TAMARIND SAUCE AND SPICY SAUCE FOR READY-TO-EAT FRIED CHICKEN WITH CONSUMPTION CONVENIENCE

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

















ORAL PRESENTATION AWARD

GROUP 8 ROUTINE TO RESEARCH

















CERTIFICATE OF GOOD ORAL PRESENTATION

is awarded to

Sita Thianwan

for the Oral Presentation entitled

THE DEVELOPMENT AND DATABASE SYSTEM FOR RISK MANAGEMENT AND INTERNAL CONTROL FACULTY OF SCIENCE UNIVERSITY OF PHAYAO

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.

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is awarded to

Suchila Phumyoo

for the Oral Presentation entitled

DEVELOPMENT OF INFORMATION SYSTEM FOR MANAGEMENT RESEARCH PROJECT FUND OF SCIENCE FACULTY, NARESUAN UNIVERSITY

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.















is awarded to

Anunsa Tonglao

for the Oral Presentation entitled

A STUDY OF MOTIVATION TO STUDY AT THE FACULTY OF SCIENCE, MAHASARAKHAM UNIVERSITY

presented in 14th Science Research Conference held on 25-26 May 2023 at the School of Science, University of Phayao.