













POSTER PRESENTATION AWARD

GROUP 2 สาขาวิชาเคมี เคมีประยุกต์และเคมีอุตสาหกรรม



















CERTIFICATE OF GOOD POSTER PRESENTATION

is awarded to

Panida Budsri, Woramon Phloiyotsorn, and Sorachai Khamsan

for the Poster Presentation entitled

GREEN ONE-POT SYNTHESIS OF 3,4-DIHYDROPYRIMIDINONE ANALOGUES
USING CELITE CATALYST

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

















CERTIFICATE OF GOOD POSTER PRESENTATION

is awarded to

Nattiya Khongkuea and Niramol Juntarachat

for the Poster Presentation entitled

ADSORPTION EFFICIENCY OF DECANTER CAKE AND DECANTER CAKE BIOCHAR FOR REMOVING HYDROGEN SULFIDE FROM BIOGAS

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

















is awarded to

Pongsapak Fonmanee, Thanyarat Sriwanna and Suttasinee Katunyoo

for the Poster Presentation entitled

SYNTHESIS OF CUO BY CYCLIC MICROWAVE AND APPLICATION AS PHOTOCATALYST

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

Punikar Intapan, Rawicha Lerdmeenai, Siranyathorn Pongnuth and Sorachai Khamsan

for the Poster Presentation entitled

GREEN SYNTHESIS OF 3,4-DIHYDROPYRIMIDINONE DERIVATIVES AND BIOLOGICAL ACTIVITY STUDIES

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

















is awarded to

Supansa Dampat and Chakkrapong Chaiburi

for the Poster Presentation entitled

DEVELOPMENT OF AgMn_xO_y/C AND MnO_x/C AS CATHODE CATALYSTS FOR GLUCOSE ALKALINE FUEL CELL

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

















is awarded to

Pintira Chayboonchoo and Chakkrapong Chaiburi

for the Poster Presentation entitled

DEVELOPMENT OF AgVO_x/C, AgMnO_x/C AS CATHODE AND PdCeO_x/C AS ANODE CATALYSTS FOR SORBITOL ALKALINE FUEL CELL

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

















is awarded to

Noppharat Khotsuno, Sunti Phewphong, and Wuttichai Roschat

for the Poster Presentation entitled

THE DEVELOPMENT QUALITY OF BIODIESEL OIL FROM BLENDING WASTE COOKING OIL WITH ANIMAL FAT AND CASTER SEED OIL

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















is awarded to

Natnida Nakkliang, Soraida Bosoy, Parichat Thepthong, Wankuson Chanasit and Sonchai Intachai

for the Poster Presentation entitled

DEVELOPMENT OF COMPOSITE MATERIAL BASED ON GLYCYRRHIZA GLABRA EXTRACT AND MgFe-LAYERED DOUBLE OXIDE BY SOLID-STATE REACTION AND ANTIOXIDANT PROPERTY

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

















is awarded to

Narumol Petcharat, Jiraporn Sriprajan, Suwicha Patnin, Arthit Makarasen and Apinya Buranaprapuk

for the Poster Presentation entitled

MOLECULAR DOCKING STUDY OF QUINOLINE DERIVATIVES WITH LYSOZYME IN SILICO

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

















is awarded to

Thanit Metheenukul, Pornphimon Metheenukul, Anucha Rikakorn and Jukkrin Srivilai

for the Poster Presentation entitled

PULSE ELECTRIC ASSISTED EXTRACTION OF PINOSTROBIN-ENRICHED EXTRACT FROM FINGER ROOT RHIZOME (BOESENBERGIA ROTUNDA (L.))

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

















is awarded to

Thanit Metheenukul, Jukkrint Srivilai, Nattanan Sangngew and Sirilak Duangsuwan

for the Poster Presentation entitled

STUDY OF THE RATIO BETWEEN VIRGIN COCONUT OIL AND SHEA BUTTER
ON THE PROPERTIES OF SKIN CARE LOTION

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

















is awarded to

Chutikarn Inchan, Kongphop Lersakthanakorn, and Supachai Wanprakhon

for the Poster Presentation entitled

ACTIVATED CARBON FROM JARUL FRUIT (LAGERSTROEMIA SPECIOSA PERS.) BY CHEMICAL ACTIVATION WITH $\rm H_3PO_4$

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

Achiraya Kanta, Phetsiri Phuangkham, and Supachai Wanprakhon

for the Poster Presentation entitled

EFFECT OF TEMPERATURE ON PROPERTIES OF ACTIVATED CARBON FROM WASTE BAMBOO CHOPSTICKS PREPARED FROM PHOSPHORIC ACID

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

Surarat Siri-in, Tantika Charoenlap and Niramol Juntarachat

for the Poster Presentation entitled

ADSORPTION OF HYDROGEN SULFIDE IN BIOGAS USING ALKALINE-IMPREGNATED ECHINODORUS CORDIFOLIUS BIOCHAR AS AN ADSORBENT

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

















is awarded to

Vachiraya Tipros, Panita Sumanatrakul, Nureeya Bintuan, and Sonchai Intachai

for the Poster Presentation entitled

UTILIZATION OF ZnAI-LAYERED DOUBLE HYDROXIDE AND ZnAI-LAYERED DOUBLE OXIDE AS AN ADSORBENT FOR REMEDIATING DYE-WASTEWATER

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















is awarded to

Krongnet Sangthong, Phitchayaphak Saenplee, Sutida Boonkaew, Chanutnad Chaikaew, Panita Sumanatrakul and Sonchai Intachai

for the Poster Presentation entitled

MAGNETIC MgFe-LAYERED DOUBLE OXIDE AS THE ABSORBENT FOR REMOVING CONGO RED AND ERIOCHROME BLACK T DYES

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

















is awarded to

Rungravee Chaiyod, Kittiya Khongkool, Nattharika Sinualin, Wankuson Chanasit, and Monthon Lertworapreecha

for the Poster Presentation entitled

PHYSICAL AND CHEMICAL PROPERTIES OF CELLULOSE FROM NOVACETIMONAS POMACETI ISOLATED FROM KOMBUCHA

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

Chakkrapong Chaiburi and Panadda Pannim

for the Poster Presentation entitled

DEVELOPMENT OF AIR CATHODE ELECTRODE FOR A MEMBRANELESS ALKALINE FUEL CELL PROTOTYPE

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

Siwat Thungprasert, Jennarong Jaikaung, Theeraporn Promanan, Samroeng Narakaew and Aphiruk Chaisenaand

for the Poster Presentation entitled

SILVER AND SILVER ALLOY ON CARBON-SUPPORTED CATALYSTS FOR CATHODES
IN PEMFC AND DEFC

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

















is awarded to

Pansachon Intamalee, Patcharee Arsakhant and Rungnapha Saeeng

for the Poster Presentation entitled

SYNTHESIS OF TRITYL DITHIOCARBAMATE EPOXY-ANDROGRAPHOLIDE ANALOGUES

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















is awarded to

Prapakorn Sombunmak, Warapong senapak, and Ekaruth Srisook

for the Poster Presentation entitled

SYNTHESIS OF ALKYL CINNAMATE ANALOGUES VIA ESTERIFICATION USING ACIDIC IONIC LIQUID AS A CATALYST

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

















is awarded to

Wilailak Saetae and Jaray Jaratjaroonphong

for the Poster Presentation entitled

SHORT TOTAL SYNTHESIS OF COLLETOTRYPTINS A AND B

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

















is awarded to

Akkradach Chotnitisuwan, Akapong Suwattanamala, and Karaked Tedsree

for the Poster Presentation entitled

PHOTOCATALYTIC REDUCTION OF CO₂ TO METHANOL BY Cu/ZnO-CeO₂ NANOPLATE CATALYST

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

















is awarded to

Sarayut Watchasit and Chomchai Suksai

for the Poster Presentation entitled

SPECIATION AND QUANTIFICATION OF INORGANIC PHOSPHATE ADDITIVE IN FROZEN SHRIMP BY ³¹P-NMR

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

















is awarded to

Pichamon Masnguluem and Uthaiwan Sirion

for the Poster Presentation entitled

DESIGN AND SYNTHESIS OF BENZIMIDAZOLE - TRIAZOLE DERIVATIVES
VIA SEQUENTIAL ONE-POT THREE STEP REACTION

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

















is awarded to

Apisit Intachai, Patcharathorn Onta, Preeyaporn Luerueang and Boontharika Thapsukhon

for the Poster Presentation entitled

LINEAR AND NONLINEAR REGRESSION METHODS FOR OPTIMUM METHYLENE BLUE ADSORPTION ISOTHERM ONTO SYNTHESIZED ACTIVATED CARBON FROM COFFEE GROUNDS IMPREGNATED WITH CALCIUM ALGINATE BEAD

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

















is awarded to

Panut Saelee, Saowaluk Inpaeng and Karaked Tedsree

for the Poster Presentation entitled

NANOCELLULOSE AS A GREEN TEMPLATE IN THE PREPARATION OF AI-DOPED MESOPOROUS SILICA CATALYSTS FOR GLUCOSE CONVERSION TO 5-HYDROXYMETHYL FURFURAL

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















is awarded to

Pongthep Jansanthea, Nattha Inyai, Kittipos Dokbua,
Putthadee Ubolsook and Aimon Wanaek

for the Poster Presentation entitled

PHOTOCATALYTIC ACTIVITY OF MIXED METAL OXIDE OF CUPRIC OXIDE/ FERRIC OXIDE/ ZINC OXIDE SYNTHESIZED BY MICROWAVE METHOD

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

