



ORAL PRESENTATION AWARD

GROUP 2

สาขาวิชาเคมี เคมีประยุกต์และเคมีอุตสาหกรรม





CERTIFICATE OF GOOD ORAL PRESENTATION

is awarded to

**Chitsanupong Somsriwattana, Thanachot Phophon
and Sorachai Khamsan**

for the Oral Presentation entitled

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.



Associate Prof.Dr.Chayan Boonyarak
Dean of School of Science, University of Phayao



CERTIFICATE OF GOOD ORAL PRESENTATION

is awarded to

**Siwakorn Thongduang, Teetawat Meekhai,
Jamjun Pechsiri and Kanokphorn Sangkharak**

for the Oral Presentation entitled

CHEMICAL PROPERTIES OF NOVEL POLYHYDROXYALKANOATE FROM
ENTEROBACTER SP. USING WASTE COOKING OIL AS THE SUBSTRATE

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



Associate Prof. Dr. Chayan Boonyarak
Dean of School of Science, University of Phayao



CERTIFICATE OF GOOD ORAL PRESENTATION

is awarded to

**Supitcha Tanyaros, Supinya Tanyaros, Kosin Teeparuksapun,
Nicha Prasongchan and Wichulada Thavaroj**

for the Oral Presentation entitled

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.



Associate Prof. Dr. Chayan Boonyarak
Dean of School of Science, University of Phayao



CERTIFICATE OF EXCELLENT ORAL PRESENTATION

is awarded to

Anek Khunphol, Lappamong Pattum and Sonchai Intachai

for the Oral Presentation entitled

**DEVELOPING COMPOSITE ADSORBENT OF ACTIVATED CARBON AND CuAl-BASED MATERIAL
FOR REMOVING KRAJOOD DYES IN WATER**

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



Associate Prof.Dr.Chayan Boonyarak
Dean of School of Science, University of Phayao



CERTIFICATE OF EXCELLENT ORAL PRESENTATION

is awarded to

Sawarat Raksa and Kanyapatch Prommuak

for the Oral Presentation entitled

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

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



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Dean of School of Science, University of Phayao



CERTIFICATE OF EXCELLENT ORAL PRESENTATION

is awarded to

Gingkarn Senatip, Pattarawadee Khunthep and Panita Kongsune

for the Oral Presentation entitled

**AIR FILTER PAPER COATED WITH SILVER NANOPARTICLES SUPPORTED
ON ACTIVATED CARBON FOR ANTIBACTERIAL ACTIVITY**

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



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Dean of School of Science, University of Phayao



CERTIFICATE OF EXCELLENT ORAL PRESENTATION

is awarded to

**Patchon Panjam, Jutarat Songsuwan, Nanthaphat Jarewsak,
Weerawut Naebpetch and Panita Sumanatrakul**

for the Oral Presentation entitled

ENHANCING SKIN-LIKE FOAM WITH PLASTICIZERS IN LATEX RUBBER COMPOUND

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

Benyapa Karuehas, Kemissara Sudsom, Jitrayut Jitonnorn and Wijitra Meelua

for the Oral Presentation entitled

CONFORMATIONAL ITINERARY OF MELIBIOSE DURING TRANSGLYCOSYLATION
BY α -GALACTOSIDASE

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

**Thamonwan Pattanapradit, Donlacha Chompooming,
Wijitra Meelua and Jitrayut Jitonnom**

for the Oral Presentation entitled

MAPPING THE CONFORMATIONAL ITINERARY OF GALACTOMANNAN HYDROLYSIS
IN α -GALACTOSIDASE BY CREMER-POPLE ANALYSIS

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

Pattraporn Phuwadolpaisarn

for the Oral Presentation entitled

COMPARISON IN BETA-GLUCAN EXTRACTION FROM MIXED DEFATTED RICE BRAN AND KHAO DAWK
MALI DEFATTED RICE BRAN CULTIVARS USING TAGUCHI METHOD OF EXPERIMENTAL DESIGN

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

**Wuttichai Roschat, Sunti Phewphong, Chonlapha Hachai,
Kittisak Inthikhot, Kanthida Kiinti and Tappagorn Leelatam**

for the Oral Presentation entitled

SYNTHESIS OF THE FATTY ACID ETHYL ESTERS (FAEE) FROM KRABOK
(*IRVINGIA MALAYANA*) SEED OIL FOR USE AS THE MAIN INGREDIENT
IN THE PRODUCTION OF HERBAL MASSAGE OIL

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

Pittaya Songchom and Karaked Tedsree

for the Oral Presentation entitled

**HIGH STABILITY NANOCELLULOSE PICKERING EMULSION IN CONTROL THE RELEASE
OF EUCALYPTUS OILS**

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

**Chiraphat Takpho, Jiraporn Panchompoo,
Aphidech Sangdee, and Prapairat Seephonkai**

for the Oral Presentation entitled

THE SEARCH FOR BIOACTIVE COMPOUNDS FROM A MUSHROOM MSUCC 032
COLLECTED FROM NAKHON PHANOM

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

**Natchaphon Ngueangam, Benchawan Jityuti, Suwicha Patnin,
Pornthip Boonsri, Arthit Makarasen and pinya Buranaprapuk**

for the Oral Presentation entitled

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

presented in 14th Science Research Conference held on 25-26 May 2023
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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

Kasama Kansorn, Natalie Mitware and Sarisa Phantham

for the Oral Presentation entitled

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

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

Phattharaphon Wichaidit, Kanyawat Tipsong and Chakkrapong Chaiburi

for the Oral Presentation entitled

THE DEVELOPMENT OF ELECTROCATALYSTS FOR XYLITOL FUEL CELLS

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



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CERTIFICATE OF OUTSTANDING ORAL PRESENTATION

is awarded to

Ratchadaporn Seedad, Pornpimol Prayongpan and Kriangsak Songsrirote

for the Oral Presentation entitled

**SYNTHESIS OF SILVER NANOPARTICLES CAPPED CARBON DOTS AS FLUORESCENT
PROBE FOR CHROMIUM(III) ION DETECTION**

presented in 14th Science Research Conference held on 25-26 May 2023
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