



TJ-SSF2023



21 December 2023

Program for Oral Presentation Chemistry 1 Sessions

Smart Classroom 2204

Department of Chemistry
Faculty of Science Khon Kaen University



Asst. Prof. Dr.
Choosak Poonsawat



Asst. Prof. Dr.
Poonsuk Poosimma

Thai Time	No.	ID	Title
09.30-09.45	1	CH-07T	Comparison of Arbutin Content and Antioxidant Activity in Crude Extracts of <i>Uvaria rufa</i> Blume. and <i>Morus alba</i> Linn.
09.45-10.00	2	CH-08T	Development of water filters by increasing the efficiency of magnetic biochar to absorb heavy metals (iron)
10.00-10.15	3	CH-16T	A simple colorimetric sensor using gold nanoparticles for determination of nitrite ion with smartphone
10.15-10.30	4	CH-25J	Complete denitrification from water using bamboo powder
10.30-10.45	5	CH-27J	Experiment on Neutralization of Acidified River Water by Using Various Type of Rocks
10.45-11.00	6	CH-20T	Results of using <i>Andrographis paniculata</i> extract in the lipid nanoparticles form by using water flea as a carrier to Nile tilapia nurturing.
11.00-11.15	7	CH-10T	Processing of Sago Beetles to Develop A prototype of A Healthy Protein Products
11.15-11.30	8	CH-22J	Chemistry Detective Club: Our dangerous activities in the view of SDGs
11.30-11.45	9	CH-17T	A study the efficiency of bio acid from pineapple peels to clump of natural rubber
11.45-12.00	10	CH-29J	Development and evaluation of straws made from bacterial cellulose

Thai Time	No.	ID	Title
13.30-13.45	11	CH-32J	Fenton Reaction using Kabosu
13.45-14.00	12	CH-01T	Physical and Antifungal <i>Aspergillus flavus</i> properties of PLA Bioplastic Containing Cinnamon Essential Oil
14.00-14.15	13	CH-35J	Development of a method for oxidation and recovery of phosphite ions by iron
14.15-14.30	14	CH-19T	The Study of Alcohol Percentage Comparison from Sticky Rice Sweet Potato and Cassava
14.30-14.45	15	CH-21J	Purple film: Indicator film using red cabbage extract to monitor meat freshness
14.45-15.00	16	CH-15T	Production of succinic acid from furfural by oxidation with hydrogen peroxide in a fixed bed reactor of cation exchange resin
15.00-15.15	17	CH-12T	Pectin condiment sachet from <i>Artocarpus integer</i> inner bark
15.15-15.30	18	CH-33J	Soap of watermelon



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Program for Oral Presentation Chemistry 2 Sessions

Smart Classroom 2205

Department of Chemistry
Faculty of Science Khon Kaen University



Assoc. Prof. Dr.
Rodjana Burakham



Asst. Prof. Dr.
Praewpan Katrun

Thai Time	No.	ID	Title
09.30-09.45	1	CH-05T	The Study of the Efficacy of Longan Bark Extract for Inhibiting Brown Reactions Involving Enzymes in the Jujube Fruit.
09.45-10.00	2	CH-06T	Study on film forming efficiency from jackfruit seed flour
10.00-10.15	3	CH-28J	Study on Purification of Polluted River Water by Using Simple Purification Methods
10.15-10.30	4	CH-14T	Preparing and Improving the Quality of Alkaloids Extracted from <i>Tinospora crispa</i> (L.) by Encapsulation Technique for Applying in Food Industry
10.30-10.45	5	CH-26J	Considerations regarding the ingredients of sunscreens used on a daily basis
10.45-11.00	6	CH-02T	Nanoparticle Synthesis from Mangosteen Peel for Inhibition of <i>P. palmivora</i> Fungus using Zinc Oxide nanoparticles
11.00-11.15	7	CH-36J	Smart Pill Box
11.15-11.30	8	CH-03T	The synthesis of nano silver from cassia leaf extract to develop antibacterial product
11.30-11.45	9	CH-04T	Innovative Bio-based Polymer Microcapsule Encapsulated Magnetite Nanoparticles for Reusable Lipase in Biodiesel Production Process
11.45-12.00	10	CH-23J	Anodic oxide film formed on aluminum alloy using non-aqueous solution

Thai Time	No.	ID	Title
13.30-13.45	11	CH-18T	Development of biodegradable sponge rubber base for improve oil absorbion performance
13.45-14.00	12	CH-24J	Ecofriendly synthesis of electroconductive polyaniline via an enzymatic oxidation of aniline in the presence of biological polyelectrolyte as templates
14.00-14.15	13	CH-09T	Prohibiting Amyloid Beta Plaques in Alzheimer's Patient by Phenolic Extracted from <i>Vigna angularis</i> (L.) Seeds and Sprouts
14.15-14.30	14	CH-11T	Synthesis of Carboxymethyl cellulose from rubber leaves for bioplastic producing
14.30-14.45	15	CH-30J	Development of battery with Mg and I ₂
14.45-15.00	16	CH-31J	Iron salt chemical reaction under various occasions: Cyanotype
15.00-15.15	17	CH-13T	Developing an innovative simple passive fingerprint identification kit at a small scale with Small Particle Reagent in combination with natural carbon dot fluorescent material
15.15-15.30	18	CH-34J	Metal leaf