



Announcement of Prince of Songkla University
Subject: Fee for teaching and self-using of equipment of Office of Scientific Instrument and Testing

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To provide academic services, Teaching and service fee of using equipment of Office of Scientific Instrument and Testing, for smooth operation and in compliance, Board of Directors Office of Scientific Instrument and Testing no. 11/2024 dated August 14, 2024 reach the conclusion agree to charge the teaching and service fee of using equipment as attached file.

Any announcements which contradict with this announcement, this announcement is to be used instead. This announcement is effective from October 1, 2024 on.

Announced on September 20, 2024

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(Dr.Nattapon Uthaipan)

Associate Director of Academic Services and Human Resource Development
Acting for Director of Office of Human Resource Development and Social Engagement
Acting for President of Prince of Songkla University

Lists of self-using equipment, teaching detail and service fee

| No. | Equipment | Teacher | Conditions | Period time | Teaching fee (Baht) | Self-using Equipment service fee (Baht) | | | Remarks |
|-----|--|-----------|---|-------------|---------------------|--|------------------------------|--------------------------------|---|
| | | | | | | Unit | PSU | Non-PSU | |
| 1 | High Performance Liquid Chromatograph (HPLC)* | Scientist | Use OSIT's sample for teaching | Full day | 1,500 | Per hour Per day Per night Per 24 hours | 108 660 1,080 1,800 | 180 1,100 1,800 3,000 | 1. In case of using of OSIT's column, customers pay 500 baht/day/time. 2. In case of using of membrane filter for mobile phase and DI water, customers pay 50 baht/piece. 3. Customers of faculty of Agro-Industry can use all HPLC with price of 25% of non-PSU fee. 4. The model and brand of the Equipment are displayed at end of the table. |
| 2 | Gas Chromatograph (GC)* | Scientist | Use OSITs' standard and sample for teaching | Full day | 1,500 | Per hour Per day Per night Per 24 hours | 108 660 1080 1,800 | 180 1,100 1,800 3,000 | 1. In case of using of OSIT's column, customers pay 500 baht/day/time. 2. Customers of faculty of Agro-Industry can use all GC with price of 25% of non-PSU fee. 3. The model and brand of the Equipment are displayed at end of the table. |
| 3 | UV-VIS Spectrometer* (Model: UV1601 Brand: SHIMADZU) | Scientist | - | Half day | 500 | Per hour | 75 | 120 | |
| 4 | Freeze Dryer* (Model: Flexidry and Duradry Brand: FTS Systems) | Scientist | - | Half day | 500 | Per hour Per day Per 24 hours | 25 180 480 | 40 300 800 | |

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| 5 | Zeta Potential Analyzer (Model: UV1601 Brand: SHIMADZU) | Scientist | - | Half day | 600 | Per hour | 1,200 | 2,000 | Not include chemicals and other materials |
| 6 | Microplate Reader (Model: Power WaveX Brand: Biotek) | Scientist | - | Half day | 500 | Per hour | 145 | 240 | |
| 7 | Gel Documentation (Model: Gel Doc1000 Brand: Bio-rad) and Densitometer (Model: 700 Brand: Bio-rad)* | Scientist | - | Half day | 500 | Per hour | 100 | 160 | |
| 8 | Polymerase Chain Reaction (Model: GeneAmp PCR System 9700 Brand: Applied Biosystems) | Scientist | - | Half day | 500 | Per hour Per day | 40 240 | 60 400 | |
| 9 | Vacuum Evaporator (Model: JEE-400 Brand: JEOL) | Scientist | - | Half day | - | Per day | 360 | 600 | |
| 10 | Electrophoresis (Model: Power PAC 3000 Brand: Bio-rad) | Scientist | - | Half day | Charge with PCR | Per hour Per day | 60 300 | 100 500 | |

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| 11 | Centrifuge (Model: 5417R Brand: Eppendorf) | Scientist | - | 30 minutes | Per hour | Per sample | 60 | 100 | |
| 12 | Laminar Flow Cabinet (Model: LAMIN Air S 20101.2 Brand: Heto Holten) | Scientist | - | 30 minutes | - | Per hour | 120 | 200 | |
| 13 | Autoclave (Model: KOQYO SS245 Brand: TOMY) | Scientist | - | 30 minutes | - | Per job | 120 | 200 | |
| 14 | Real-Time PCR (Model: 7300 Brand: Applied Biosystems) | Scientist | - | Half day | 600 | Per hour Per print | 170 10 | 280 10 | Not include chemicals and other materials |
| 15 | Cutting Machine for SEM (Model: Labotom Brand: Struers) | Scientist | - | 30 minutes | - | Per hour | 120 | 200 | |
| 16 | Fluorimeter (Model: FP-8200 Brand: Jasco) | Scientist | - | Half day | 600 | Per hour | 150 | 250 | |
| 17 | Ion Beam Mill for TEM (Model: 691 Brand: GATON) | Scientist | - | 1 hour | - | Per hour | 120 | 200 | |

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| 18 | Scanning Electron Microscope (Model: JSM-5800 LV Brand: JEOL) | Scientist | - | Half day | 600 | Per hour | 360 | 600 | |
| 19 | Ball Mill Machine (Model: HSM100H Brand: HERZOG) | Scientist | - | 30 minutes | - | Per hour | 120 | 200 | |
| 20 | Two Roll Mill (Model: ML-D6L12 Brand: CT) | Scientist | - | 30 minutes | 200 | Per hour | 120 | 200 | |
| 21 | Internal Mixer 2 (Model: MX300-TQ Brand: CT) | Scientist | - | 30 minutes | 200 | Per hour | 120 | 200 | |
| 22 | Compression Machine (Model: PR2D-W300L350 PM-WCL-HMI Brand: CT) | Scientist | - | 30 minutes | 200 | Per hour | 120 | 200 | |
| 23 | Mold | Scientist | - | 30 minutes | 200 | Per hour | 120 | 200 | |
| 24 | Sample Cutter (Model: CUT W200L200-ST150 Brand: Pneumatic Sample Cutter) | Scientist | - | 30 minutes | 200 | Per hour | 60 | 100 | |
| 25 | De Mattia Machine (Model: 119 Brand: Yasuda)/ | Scientist | - | 30 minutes | 200 | Per hour | 150 | 250 | |

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| | Ross Flexing machine (Model: 270 Brand: Yasuda) | | | | | | | | |
| 26 | Compression Set Tester (Model: JIS A5756 Brand: Yasuda) | Scientist | - | 30 minutes | 200 | Per hour | 150 | 250 | |
| 27 | Thickness Gauge (Model: PG-20J Brand: Techlock) | Scientist | - | 30 minutes | 200 | Per hour | 60 | 100 | |
| 28 | Optical Microscope (Model: SERIES INSTRUCTIONS Brand: SZM) | Scientist | Use OSIT's sample for teaching | 30 minutes | 200 | Per hour | 120 | 200 | |
| 29 | Fluorescence Stereo Microscope (Model: M205FCA Brand: Leica) | Scientist | Use OSIT's sample for teaching | 1 hour | 200 | Per hour | 60 | 100 | In case of using of non-laser mode |
| | | | | | | Per hour | 300 | 500 | In case of using of laser mode |
| 30 | Rheometer (Model: DHR-2 Brand: TA Instruments) | Scientist | Use OSIT's sample for teaching | Half day | 600 | Per hour | 360 | 600 | |

Notes:

1. 1 day: 08:30 a.m. to 06:00 p.m. except Saturday, 1 day: 08:30 a.m.to 05:00 p.m.
2. Night time: 06:00 p.m. to 08:30 a.m. (next day) except Saturday, night time: 05:00 p.m. to 08:30 a.m. (next day)
3. 24 hours: 08:30 p.m. to 08:30 a.m. (next day)
4. The symbol * means list of 24-hour self-service equipment.
5. HPLC includes the Hewlett-Packard 1100 model, Agilent 1100 model, Agilent 1200 model, Agilent 1260 model and Hitachi CMC5000 model.
6. GC includes the Hewlett-Packard 6850 model, Hewlett-Packard 6890 model, Agilent 6890N model, and Agilent 7890A model.

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(signed) Nattapon Uthaipan
(Dr.Nattapon Uthaipan)

Associate Director of Academic Services and Human Resource Development
Acting for Director of Office of Human Resource Development and Social Engagement
Acting for President of Prince of Songkla University

Certified copy



(Miss Pattarawadee Watcharadilok)
Academic Officer