



Mahidol University Announcement **Application for Foreign Expert, Mahidol University**

The Analytical Sciences and National Doping Test Institute (ANDI) at Mahidol University is seeking exceptional and highly motivated talents for the opening position of **Foreign Expert**. The successful candidate will contribute to cutting-edge research in sensor technology and provide expertise in routine analytical services across various projects.

Job Description:

- Conduct innovative research in the field of sensor technology, focusing on the development, optimization, and application of novel sensors.
- Provide expert analytical services, performing routine chemical, physical, and instrumental analyses for research projects and industry collaborations.
- Collaborate with multidisciplinary teams to design and implement experiments, analyze data, and publish findings in high-impact journals.
- Assist in the maintenance and calibration of laboratory equipment, ensuring all procedures meet quality control and safety standards.
- Contribute to grant writing, project management, and mentoring of graduate students or junior researchers.

Required Qualifications:

- Non-Thai nationality
- Ph.D. in **Analytical Chemistry, Chemical Engineering, Materials Science, Physics**, or a closely related field.
- Expertise in **sensor technology** and analytical instrumentation (e.g., electrochemical sensors, biosensors, spectroscopy, chromatography).
- Strong experience in conducting routine **analytical testing** and data analysis.
- Proven ability to write and publish scientific papers in high-impact journals.
- Excellent problem-solving skills, with the ability to work independently and as part of a team.
- Strong communication skills (written and oral), with proficiency in English.

Remarks:

- Experience in **sensor fabrication** and **sensor-based detection methods** is preferable.
- Previous experience in managing laboratory operations or leading small research teams is a plus.

Benefits:

- Salary (37,120 THB) with accommodation allowance (8,000 THB).
- Welfare Social Security Fund.
- Opportunities for professional development and career advancement.
- Access to state-of-the-art laboratory facilities and resources.
- Collaborative and dynamic work environment within research institutes, governmental and private sectors.

To apply, please submit your CV, cover letter, recent academic work/publications, transcript, contact information for at least two references, and (if any) official English standardized score e.g. TOEFL, IELTS to

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We look forward to welcoming a new postdoctoral researcher to our team and advancing the field of sensor technology together.

Announced on December 16th, 2024



Assoc. Prof. Siripong Thitamadee, PhD.
Director of Analytical Sciences and National Doping Test Institute (ANDI)