

※ This announcement is for foreigners who have difficulty using Korean.

As a government-funded research institution, Korea Research Institute of Standards and Science (KRISS) performs research involving basic and original technology in all areas of science and technology. Based on the National Competency Standards associated with blind recruitment, it now calls for competent scientists from various areas who are encouraged to pursue their dream and passion at KRISS.

□ Area for employment

Field		Assigned task	Personnel	Code
Physical Metrology	Time transfer by satellites and optics	<ul style="list-style-type: none"> • Research on enhanced Two-way Satellite Time and Frequency Transfer system via communication satellites • Time comparison and synchronization using multi-GNSS 	1	A1
Chemical and Biological Metrology	Microbiological Analysis	<ul style="list-style-type: none"> • Development of measurement technology and reference materials for genes and proteins • Development of 3D cell culture disease models • Drug efficacy evaluation 	1	B1
Advanced Instrumentation	Optical Nano Metrology	<ul style="list-style-type: none"> • Research and development of real-time nano optical metrology for key measuring instruments of semiconductor/display processes 	1	C1
Interdisciplinary Materials Measurement	나노분광이미징1 (YS사업*)	Only Koreans can apply	1	E1
	Hyperspectral Nano-imaging Lab	<ul style="list-style-type: none"> • Developing hyper-spectral near-field imaging in liquid phase • Analyzing nanoscale optical/electrical/chemical properties of novel nano-composite material /device 	1	E2
	AI Metamaterial Research1	<ul style="list-style-type: none"> • AI and signal processing-based prognostics and health management (PHM) of an engineering system • AI-based ultrasonic signal analysis and non-destructive evaluation 	1	E3
	AI Metamaterial Research2	<ul style="list-style-type: none"> • Vibration/Acosutic/Ultrasonic analysis and metamaterial design • Vibration/Acosutic/Ultrasonic experiments and data analysis 	1	E4
	나노바이오센서 (YS사업*)	Only Koreans can apply	1	E5
	첨단오페란도분석 (YS사업*)	Only Koreans can apply	1	E6
	EM나노메트롤로지 (YS사업*)	Only Koreans can apply	1	E7

Field		Assigned task	Personnel	Code
Safety Measurement	Bio-imaging	<ul style="list-style-type: none"> • Development of optical imaging technology (OCT, OCM, nonlinear optical microscopy, photoacoustic microscopy, and etc.) for biomedical fields • Development of optical image processing and analysis technology 	1	F1
	Trace analysis of gas mixture	<ul style="list-style-type: none"> • Trace analysis of gas mixture • atmospheric measurement using optical spectroscopy • data analysis 	1	F2
	Medical Metrology	<ul style="list-style-type: none"> • Medical imaging (MRI, CT) processing • Phantim development for medical imaging (MRI, CT) 	1	F3
Policy and Strategy	Science&Technology Policy	<ul style="list-style-type: none"> • Study on major NMI(National Measurement Institute)s' policy&strategy and analysis of R&D trend • Participate in revisions of measurement standards and science&technology laws 	1	G1

※ Candidates can only apply in one of the recruitment fields, and if overlapping or cross-applications are confirmed, admission is cancelled.

☐ Eligibility

Classification	Description
Post-doc.	<ul style="list-style-type: none"> ○ Eligibility requirements <ul style="list-style-type: none"> – Those who do not fall under the reasons for disqualification for appointment <ul style="list-style-type: none"> • Those who have not suspended or deprived voting rights by law • Those who have not evaded military service obligations • Those who have not been caught for fraudulent employment • Those who have not been dismissed due to misconduct • Those without reasons for disqualification for overseas travel – Those who earned their Ph.D. within the past 5 years or will earn their Ph.D. within the next 3 months as of the scheduled date of employment – Those who published (registered) at least one SCIE thesis or international patent within the past 3 years <ul style="list-style-type: none"> • Limited to first author or corresponding author for articles (limited to the research performance within the recent 3 years as of the end date of receipt of application forms) • Limited to main inventor for international patents that have been registered with the patent office in the United States, Japan or Europe. Any article and patent with the same substance will be regarded as a single item

Classification	Description
	<ul style="list-style-type: none"> ○ Preferential treatment <ul style="list-style-type: none"> – Those of national merit, those eligible for employment support, those with a disability and Women in science and technology are eligible for preferential treatment if they submit evidentiary documents – Women in science and technology

☐ How to apply

- Online application for the KRISS job page (<https://kriss.recruiter.co.kr/>)
- Period for submission: May 14, 2021 (Fri) ~ May 28, 2021 (Fri), 13:00

☐ Process

Process	Description
1st screening (Document)	<ul style="list-style-type: none"> ○ Evaluation of expertise and competence in each area for employment <ul style="list-style-type: none"> – Evaluation items: Performance, experience, capability, and competence – Criteria for passing: Each applicant will be evaluated with a five-point scale in comprehensive consideration of evaluation items. Applicants who earn high scores among those who earn at least 80 points on average based on the aggregate points granted by each evaluator.
Online personality test	Koreans only
2nd screening (interview)	<ul style="list-style-type: none"> ○ Research performance seminar and personality interview <ul style="list-style-type: none"> – Evaluation items: Basic attitude, thinking ability, presentation ability, potential, knowledge – Criteria for passing: Applicants who earn high scores among those who earn at least 80 points on average based on the aggregate points granted by each evaluator.

※ Applicants who reside overseas may have a video interview in the 2nd screening.

☐ Required documents

Classification	Description
Application form	<ul style="list-style-type: none"> ○ Self-introduction, experience statement, article and patent performance list/proof, etc. ※ Fill out through the online job posting website

Classification	Description
2nd screening	○ Presentation materials of research performance seminar
After 2nd screening	<ul style="list-style-type: none"> ○ Transcripts/certificates of graduation of all university/graduate school programs ○ Proof of career/employment, copies of certificates of qualifications, certificate of military service (if applicable) ○ Certificate of disability, certificate of eligibility for employment protection (if applicable)

☐ Timeline

Process	Date	Remarks
Employment notice	May 14 ~ May 28	Timeline subject to change due to the institution's circumstances
Receipt of application forms	May 14 ~ May 28	
1st screening	Early June	
2nd screening	Mid June	
Announcement of successful applicants of 2nd screening	Late June	
Scheduled date of employment	July 1	

☐ Training conditions

구 분	세부 내용
Term of contract	<ul style="list-style-type: none"> ○ Contract within one year ※ Training is possible until the end of the project in the 5th year after obtaining the maximum doctoral degree. ※ If the result of training evaluation is insufficient, the training period cannot exceed 3 years
Working conditions	○ Wage: To be determined through career grading applicable to regular employees based on the institution's own evaluation criteria

☐ Other information

- Failure to comply with the blind recruitment requirements during screening may result in penalties such as deductions.

- Do not write prejudice factors such as age, gender, and graduation school in the self-introduction letter (however, you can fill out prejudice factors if requested directly on the application form.)
- If it is unavoidable to write a prejudice factors in the self-introduction letter, write it as follows.
 - ※ Ex: OO University or University A
- When submitting proof of article or patent, please mask and upload information that can infer the school you graduated from.
 - ※ Ex: University name, university e-mail, advisor name, etc.

- No one may be employed if no applicant is found qualified after the screening process
- Candidates are responsible for any disadvantages due to omission of documents to be submitted or false entry or submission
- Acceptance and appointment may be canceled if fraudulent behavior or false entry in the application form is found during the screening process.
- If you have any questions, contact the recruitment site Q&A.
 - **Email:** nams@kriss.re.kr