

【Job Description for 2nd Postdoctoral Fellow Recruitment -1】

Area of recruitment	Development and application of spatial proteomics				
Academic major	Proteomics, Molecular Cell Biology, Biochemistry, Mass Spectrometry, Bioinformatics	Job position	Postdoctoral researcher	Locations	Ochang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development of spatial proteomics technology □ Application of proteomics in Alzheimer' s disease or cancer □ Application of proteomics in biomarker discovery 				
Capacity and ability	<ul style="list-style-type: none"> □ Mass spectrometry-based proteomic analysis and data interpretation □ Bio sample(tissue, cell, protein etc) preparation for proteomics □ Ability to write research manuscripts 				
Required knowledge	<ul style="list-style-type: none"> □ General understanding of molecular cell biology and biochemistry □ Knowledge related to LC-MS or proteomics □ Basic knowledge on Alzheimer' s disease or cancer 				
Required skills	<ul style="list-style-type: none"> □ Research experience in proteomic sample(tissue, cell, protein etc.) preparation □ Research experience in LC-MS or MS-based proteomics □ Research experience in biostatistics or proteome data analysis 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible and sincere attitude to solve problems □ Inquisitive attitude toward new knowledge and skills □ Positive and active communication attitude 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –2】

Area of recruitment	Development of anti-cancer therapeutics based on structural determination of onco-proteins				
Academic major	Biochemistry, Immunology, Chemistry, Biotechnology or related fields	Job position	Postdoctoral researcher	Locations	Ochang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Structural analysis of disease-target proteins using NMR/Cryo-EM □ Compounds screening based on protein structure and elucidation of protein-compound binding/dynamics characteristics □ Development and utilization of AI-integrated analysis system based on NMR/Cryo-EM data 				
Capacity and ability	<ul style="list-style-type: none"> □ Protein expression/purification core technologies □ Protein structural analysis using high-field NMR or Cryo-EM □ Protein structure prediction and compound screening technology using AI analysis tools □ Preparation of reports, research papers, and patents 				
Required knowledge	<ul style="list-style-type: none"> □ Specialized knowledge in biochemistry, immunology, biology, chemistry, pharmacology, etc. □ Knowledge related to protein structure and MOA of therapeutics □ History of targeted therapy development and current research/development trends 				
Required skills	<ul style="list-style-type: none"> □ Various molecular/cellular biological experimental and analytical techniques at the cellular level □ Experience in evaluating anticancer efficacy using solution/in-vitro technologies □ Experience in protein structure prediction and compound screening related to biochemistry, organic chemistry, or pharmacology □ Experience in verifying the mechanism of action (MOA) of anticancer drugs inside and outside cells, and in validating cellular/preclinical efficacy 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive work attitude, analytical thinking, positive mindset, and willingness to communicate effectively □ Willingness to learn new technologies, communicate with internal/external research organizations, and maintain an open research attitude □ Commitment to following standardized procedures, producing reliable test results, and verifying them accurately 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment -3】

Area of recruitment	Development of bioimaging techniques for non-clinical efficacy evaluation of gene therapy				
Academic major	Chemical engineering, Biochemistry, Biotechnology or related fields	Job position	Postdoctoral researcher	Locations	Ochang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development Standard Operating Procedures (SOP) for non-clinical efficacy assessment of gene therapies using bioimaging technologies □ Perform optical imaging-based tissue and in vivo sampling and real-time analysis □ Develop techniques for non-clinical efficacy evaluation of various gene therapy modalities in cancer treatment 				
Capacity and ability	<ul style="list-style-type: none"> □ Expertise in cell/tissue/in vivo sampling and real-time analysis for optical imaging □ Experience in evaluating the anti-cancer efficacy and effectiveness using in vivo imaging technologies □ Ability to draft scientific papers and patents 				
Required knowledge	<ul style="list-style-type: none"> □ Experience in evaluating anti-cancer efficacy and effectiveness using in vivo imaging technologies □ Proficiency in optical imaging-based tissue and in vivo sampling and real-time analysis □ Experience in imaging probe synthesis technology □ Understanding of biological image analysis technology and non-clinical trials using animal models 				
Required skills	<ul style="list-style-type: none"> □ Understanding of the composition and internal interactions within the cell-tissue microenvironment □ Specialized knowledge in immunology, biochemistry, biology, cell biology, biotechnology, medicine, or related fields □ Background knowledge in the introduction and mechanisms of action (MOA) of gene therapies in cellular and in vivo settings □ Proficiency in various molecular and cellular biological experiments and analytical techniques at the cellular level □ Ph.D. degree (or a researcher with a Master's degree and over 5 years of relevant research experience) with experience in non-clinical efficacy evaluation of various gene therapies for cancer treatment 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive work attitude, analytical thinking, positive mindset, and willingness to communicate effectively □ Strong desire to acquire new technologies, openness to collaboration with internal and external research organizations □ Commitment to following standardized procedures and ensuring the reliability and validation of experimental results 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –4】

Area of recruitment	Development of non-clinical efficacy assessment techniques for cancer immunotherapy and gene therapy				
Academic major	Immunology, Cell Biology, Biology, Biochemistry, Biotechnology, Medicine or related fields	Job position	Postdoctoral researcher	Locations	Ochang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Develop Standard Operating Procedures (SOP) for non-clinical efficacy assessment of gene therapies using cellular and in vivo imaging technologies □ Perform optical imaging-based tissue and in vivo sampling and real-time analysis □ Develop techniques for non-clinical efficacy evaluation of various gene therapy modalities in cancer treatment 				
Capacity and ability	<ul style="list-style-type: none"> □ Expertise in cell/tissue/in vivo sampling and real-time analysis for optical imaging □ Experience in evaluating the anti-cancer efficacy and effectiveness using in vivo imaging technologies □ Ability to draft scientific papers and patents 				
Required knowledge	<ul style="list-style-type: none"> □ Experience in evaluating anti-cancer efficacy and effectiveness using in vivo imaging technologies □ Proficiency in optical imaging-based tissue and in vivo sampling and real-time analysis □ Ph.D. degree (or a researcher with a Master's degree and over 5 years of relevant research experience) with experience in non-clinical efficacy evaluation of various gene therapies for cancer treatment 				
Required skills	<ul style="list-style-type: none"> □ Understanding of the composition and internal interactions within the cell-tissue microenvironment □ Specialized knowledge in immunology, biochemistry, biology, cell biology, biotechnology, medicine, or related fields □ Knowledge of in vivo imaging analysis techniques and non-clinical trials using animal models <ul style="list-style-type: none"> - Background knowledge in the introduction and mechanisms of action (MOA) of gene therapies in cellular and in vivo settings - Proficiency in various molecular and cellular biological experiments and analytical techniques at the cellular level 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive work attitude, analytical thinking, positive mindset, and willingness to communicate effectively □ Strong desire to acquire new technologies, openness to collaboration with internal and external research organizations □ Commitment to following standardized procedures and ensuring the reliability and validation of experimental results 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment -5】

Area of recruitment	Electron microscopy-based bioimaging and data management				
Academic major	Neurobiology or related field	Job position	Postdoctoral researcher	Locations	Ochang
NCS category	Main Category	Category		Sub-Category	
NCS category	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Developed and conducted analytical techniques in conjunction with TEM □ Analyzing the mechanism of action of drugs for the treatment of degenerative brain diseases □ Standardized and managed electron microscopy image data □ Conducted domestic and international collaborative research 				
Capacity and ability	<ul style="list-style-type: none"> □ Ability to design and conduct independent research □ Research experiences using electron and light microscopy □ Ability to perform and analyze animal behavioral experiments □ Writing achievements such as SOPs, research papers & patents 				
Required knowledge	<ul style="list-style-type: none"> □ Neurobiology, (molecular) cell biology, biochemistry, bio-imaging analysis, etc. □ Image data interpretation and computation 				
Required skills	<ul style="list-style-type: none"> □ Ability to write research papers, reports and SOPs □ Prior experience in natural product-derived substance research is preferred. 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible and sincere attitude to problem-solving □ An open-minded approach to acquiring new abilities and knowledge □ A proactive, upbeat approach to communication □ An endeavor focused on teamwork 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –6】

Area of recruitment	Research on imaging technology and disease based on MRI imaging technology				
Academic major	MRI, Medicine and Pharmacy, Veterinary medicine, Biomedical engineering, Medical life, Chemistry, Physics	Job position	Postdoctoral researcher	Locations	Ochang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development of imaging technology or hardware using MRI □ Development of various brain imaging analysis methods □ Disease research based on disease animal models 				
Capacity and ability	<ul style="list-style-type: none"> □ Ability to operate and utilize MRI equipment □ Ability to conduct independent and convergence joint research □ Ability to interpret experimental results, write and share research articles/patents 				
Required knowledge	<ul style="list-style-type: none"> □ Basic and applied knowledge related to MRI □ Intermediate and upper level knowledge for disease research 				
Required skills	<ul style="list-style-type: none"> □ Operational skill for animal or human MRI system □ Software utilization skill for image data analysis □ MRI image data analysis technology 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Inquisitive attitude toward new knowledge and skills □ Integrated thinking skills for convergence research fields □ Creative/challenging/positive/proactive problem solving skills □ Good interpersonal relationship, efficient work ability, and responsible, diligent attitude 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –7】

Area of recruitment	Luminescence dating of quaternary faults and analysis of fault-related landforms				
Academic major	Tectonic Geomorphology, Geochronology	Job position	Postdoctoral researcher	Locations	Ochang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Luminescence dating of Quaternary faults in the Korean peninsula □ Analysis of Quaternary fault-related landforms in the Korean peninsula □ Morpho-tectonic interpretation of Quaternary faults based on luminescence ages □ Establishing geochronological database(DB) of Quaternary faults in Korea 				
Capacity and ability	<ul style="list-style-type: none"> □ Capabilities for quartz OSL and K-feldspar dating □ Capabilities for analysing and interpreting luminescence signals □ Capabilities for assessing the reliability of luminescence ages of Quaternary faults □ Capabilities for interpreting tectonic geomorphology based on numerical ages 				
Required knowledge	<ul style="list-style-type: none"> □ Advanced knowledges on the theory of luminescence dating(i.e., Advanced knowledges on equivalent dose and dose rate estimations of Quaternary stuffs) □ Knowledges on data processing relevant to luminescence signals □ Advanced knowledges on tectonic geomorphology 				
Required skills	<ul style="list-style-type: none"> □ Sample preparation skills(i.e., separation of quartz and K-feldspar minerals from sediments) for luminescence dating □ Skills for the analysis of quartz OSL and K-feldspar pIRIR signals □ Skills for statistical analysis to derive the most reliable age estimates □ Skills for the application of GIS to geomorphic factors 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Responsible and faithful attitude for tackling scientific problems □ Explorative attitude towards new knowledges and technologies □ Positive and active attitude for social relationship 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –8】

Area of recruitment	Development of metabolite separation technique for drug discovery and disease research				
Academic major	Chemistry, Biology, Pharmacology, Medicine, Convergence Bio	Job position	Postdoctoral researcher	Locations	Seoul
NCS category	Main Category	Category	Sub-Category		
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development of metabolite separation and analysis technology using mass spectrometer or NMR □ Discovery of biomarkers for disease diagnosis and treatment efficacy prediction □ Research for investigation of drug metabolism and mechanisms underlying disease 				
Capacity and ability	<ul style="list-style-type: none"> □ Metabolite separation and analysis in biological samples using mass spectrometer and NMR □ Research for investigation of drug metabolism and mechanisms underlying disease based on metabolite separation and analysis □ Writing research papers and reports 				
Required knowledge	<ul style="list-style-type: none"> □ Knowledge of mass spectrometer or NMR □ Expertise knowledge in metabolite separation analysis □ Understanding of metabolic functions and pathways 				
Required skills	<ul style="list-style-type: none"> □ Technology for metabolite analysis and data interpretation □ Technology for metabolic function analysis □ Biochemical analysis technology of biomolecules 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible and sincere attitude to solve problems □ Inquisitive attitude toward new knowledge and skills □ Positive and active communication attitude □ Effort to improve teamwork 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –9】

Area of recruitment	Analytical investigation on nano-properties of electrochemical cell constituents				
Academic major	All areas in natural science and engineering	Job position	Postdoctoral researcher	Locations	Seoul
NCS category	Main Category	Category		Sub-Category	
NCS category	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Acquisition and interpretation of spectroscopic data □ Characterization on nano-properties of electrochemical constituents/materials □ Research through domestic and international collaboration 				
Capacity and ability	<ul style="list-style-type: none"> □ Ability to analyse spectroscopic data □ Ability to characterize nano-properties for electrochemical constituents/materials □ Ability to write research papers and reports 				
Required knowledge	<ul style="list-style-type: none"> □ Knowledge on spectroscopic analysis □ Knowledge on electrochemical constituents/materials 				
Required skills	<ul style="list-style-type: none"> □ Skills on spectroscopic analysis □ Skills on electrochemical constituents/materials 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Leading attitude accompanied with sincerity and responsibility in problem-solving □ Open mind for exploring new knowledge and technology □ Positive and active attitude in communication □ Effort to work as a team-member 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –10】

Area of recruitment	Development for in-situ transmission electron microscopy(TEM) analysis techniques of battery materials				
Academic major	Materials Science and Engineering, Chemical Engineering, Physics, and Electrical Engineering	Job position	Postdoctoral researcher	Locations	Gwangju
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Sample preparation related to battery materials (such as all-solid-state batteries, fuel cells, etc.) □ Participating in-situ TEM experiments (including experiment preparation, controlling various parameters, and data analysis) 				
Capacity and ability	<ul style="list-style-type: none"> □ Ability to fabricate battery devices and measure their performance □ Ability to use research analytic software (such as Origin, Digital Micrograph, etc.) □ Project management and technical documentation writing 				
Required knowledge	<ul style="list-style-type: none"> □ Theoretical knowledge of the operating principles of various battery devices □ Basic knowledge of electron microscopy for setting up in-situ TEM environment 				
Required skills	<ul style="list-style-type: none"> □ Fabrication of stable operating batteries □ Experience in conducting research related in-situ TEM analysis 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Active acquisition of new knowledge and technologies in various battery material fields □ Challenging participation are required, as the goal is the development of new techniques 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –11】

Area of recruitment	Development and application of nanostructured materials – energy storage				
Academic major	Physics, Chemistry, Chemical Engineering, Materials Engineering, Energy Materials, Electrical Engineering, Electronic Engineering	Job position	Postdoctoral researcher	Locations	Daejeon
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development of nanostructured materials and their applications of energy storage □ Synthesis of organic-inorganic nanomaterials and analysis of nanostructured material properties □ Performing domestic and international collaborative research 				
Capacity and ability	<ul style="list-style-type: none"> □ Material development and property analysis, applications in energy storage □ Performing domestic and international collaborative research project □ Writing papers and patents 				
Required knowledge	<ul style="list-style-type: none"> □ Nanomaterials, energy convergence materials □ Energy storage □ Analytical science 				
Required skills	<ul style="list-style-type: none"> □ Synthesis and nanostructure control of nanomaterials □ Analysis of material properties □ Identification of energy storage mechanisms 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible, and diligent attitude to solve a problem □ An exploratory attitude towards new knowledge and skills □ Positive and active communication attitude □ Efforts oriented towards teamwork 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –12】

Area of recruitment	Development of water electrolysis equipment and catalyst/support materials				
Academic major	Physics, Chemistry, Chemical Engineering, Materials Science	Job position	Postdoctoral researcher	Locations	Daejeon
NCS category	Main Category	Category	Sub-Category		
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development and utilization of a proton exchange membrane water electrolysis (PEMWE) system for in situ/operando analysis (Raman, X-ray, electron, etc.) □ Research on the development and analysis of catalysts/support materials for proton exchange membrane water electrolysis (PEMWE) 				
Capacity and ability	<ul style="list-style-type: none"> □ Set up electrolysis fuel cell systems □ Ability to Analyze performance data based on electrolysis cells □ Proficiency in using analytic instruments and interpreting data □ Writing research papers related to materials and analytic techniques for PEMWE 				
Required knowledge	<ul style="list-style-type: none"> □ Expert knowledge and practical experience of the operating principles of ion exchange membrane-based electrochemical cells □ Expert knowledge and insights on the development of electrolysis catalysts/supports and industry trends □ Expert knowledge and practical experience with in situ/operando imaging and spectroscopy techniques (such as Raman, X-ray, electron, etc.) 				
Required skills	<ul style="list-style-type: none"> □ Three-electrode electrochemical analysis techniques for evaluating electrolysis materials □ Manufacturing and fundamental property analysis techniques for electrochemical catalysts and supports □ Technology for fabricating membrane/electrode assemblies for evaluating electrolysis cell performance □ Design and fabrication technology for component devices used in developing in situ/operando analysis techniques □ In situ/operando analysis techniques using synchrotron radiation 				
Attitude in performing duties	<ul style="list-style-type: none"> □ A responsible and proactive attitude towards problem-solving □ A positive attitude towards challenges and a commitment to continuous improvement □ Ongoing pursuit of new knowledge and skills □ Proactive communication and teamwork skills 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –13】

Area of recruitment	Research on thermal analysis of micro-electronic devices				
Academic major	Physics, Electronics, Mechanics, Materials	Job position	Postdoctoral researcher	Locations	Daejeon
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development of instrument for thermal analysis of microelectronic devices □ Research on thermal analysis of microelectronic devices such as semiconductors, displays, and sensors □ Publication of research paper, patent applications, and technology transfer 				
Capacity and ability	<ul style="list-style-type: none"> □ Conducting research and development project □ Writing research papers and patents 				
Required knowledge	<ul style="list-style-type: none"> □ Knowledge related to micro-electronic devices □ Knowledge related to thermophysical properties and heat transfer 				
Required skills	<ul style="list-style-type: none"> □ Technology related to measurement of micro-electronic devices □ Technology related to measurement of thermophysical properties and heat transfer 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible and sincere attitude to solve problems □ Inquisitive attitude toward new knowledge and skills 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment -14】

Area of recruitment	Development of a cryogenic system for semiconductor material and device research				
Academic major	Physics, Materials, Mechanics etc.	Job position	Postdoctoral researcher	Locations	Daejeon
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development of a measurement system for next-generation computing semiconductors □ Conducting joint research domestically and internationally 				
Capacity and ability	<ul style="list-style-type: none"> □ Writing research papers and patents □ Conducting research projects 				
Required knowledge	<ul style="list-style-type: none"> □ Knowledge of cryogenics and vacuum technology □ Knowledge of material and device measurement 				
Required skills	<ul style="list-style-type: none"> □ Design and analysis techniques for cryogenic systems □ 3D drawing techniques for system development □ Research experience in the relevant field of study 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Curiosity towards new knowledge and technologies □ Proactive, responsible, and diligent attitude towards problem-solving □ Positive and proactive communication skills 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –15】

Area of recruitment	Development of 3D artificial organ models and analysis				
Academic major	Biomedical Eng, Convergence of Bio, and IT	Job position	Postdoctoral researcher	Locations	Ochang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development of 3D Artificial Organ Models using 3D Organ-on-a-Chip, Organoids, and 3D Printing Techniques □ Development of Device Systems for Organ Model Pharmacokinetics □ Data processing, data preprocessing, AI-based data analysis, and software development for drug efficacy results 				
Capacity and ability	<ul style="list-style-type: none"> □ Research & Paper writing/Inventions/Technology transfer/Conference presentation □ Experience in project execution/writing □ Experience in industry-academia joint research and development of practical prototypes 				
Required knowledge	<ul style="list-style-type: none"> □ Interest and knowledge in the field of Biomedical/Bio-IT convergence □ All fields related to biology, natural sciences, and engineering □ Interest or knowledge in commercialization/regulatory guidelines 				
Required skills	<ul style="list-style-type: none"> □ Animal cell culture and 3D biological models (Organ-on-a-Chip or Organoid fabrication) □ Design and fabrication of 3D cell culture devices (CAD, 3D drawing) □ Application technologies for biomaterials (biomaterial production, 3D printing, fabrication, sensor technology, etc.) □ Gene/protein analysis (RT-PCR, Western blot, ELISA, imaging) □ Preference for those with skills in statistical analysis, Python, JAVA, C language, web languages □ Other simulation programs, etc. 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Integrated thinking and self-directed research abilities in the field of convergent research □ Creative and challenging problem-solving skills □ Systematic and efficient work capabilities □ Strong interpersonal relationships and proactive communication skills 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –16】

Area of recruitment	Development of ultra-precision machining process and evaluation technology for infrared optic system				
Academic major	Mechanical	Job position	Postdoctoral researcher	Locations	Daejeon
NCS category	Main Category	Category	Sub-Category		
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Develop ultra-precision machining process for infrared optics □ Develop infrared optical evaluation and application technologies □ Operate ultra-precision cutting machine and metrology equipment 				
Capacity and ability	<ul style="list-style-type: none"> □ Conduct research and development projects □ Operate ultra-precision machining and metrology equipment □ Write journal papers and reports 				
Required knowledge	<ul style="list-style-type: none"> □ Ultra-precision cutting mechanisms and material removal behavior □ Control, interpolation, and compensation processing to improve machining precision □ Metrology, evaluation and application of optics 				
Required skills	<ul style="list-style-type: none"> □ Operation of CNC-based cutting machines (DTM, MRF etc.) and interferometer-based metrology equipment (CCI, ASI etc.) □ Surface fabrication, measurement and analysis of free-form optics □ Application of artificial intelligence (AI) in ultra-precision machining, surface metrology and analysis 				
Attitude in performing duties	<ul style="list-style-type: none"> □ A proactive and responsible attitude towards problem-solving □ An inquisitive attitude towards acquiring new knowledge and skills □ A positive and proactive communication style □ A commitment to teamwork 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –17】

Area of recruitment	Synchrotron accelerator development- beam physics				
Academic major	Physics(Accelerator Physics), related major	Job position	Postdoctoral researcher	Locations	Ochang or Pohang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Carry out beam optics optimization and non-linear beam dynamics researches for Korea 4GSR accelerator □ Carry out researches for beam instability in Korea 4GSR accelerator 				
Capacity and ability	<ul style="list-style-type: none"> □ Doctoral degree in an accelerator physics – beam dynamics □ Writing scientific papers / reports 				
Required knowledge	<ul style="list-style-type: none"> □ Accelerator physics □ Accelerator beam optics softwares 				
Required skills	<ul style="list-style-type: none"> □ Experience in accelerator beam dynamics softwares □ Programming skills of softwares (Matlab, Python etc.) 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible, and diligent attitude to solve a problem □ An exploratory attitude towards new knowledge and skills □ Positive and active communication attitude □ Efforts oriented towards teamwork 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –18】

Area of recruitment	Synchrotron accelerator development – accelerator devices				
Academic major	Physics(Accelerator Physics), related major	Job position	Postdoctoral researcher	Locations	Ochang or Pohang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Development and installation of Korea 4GSR accelerator system □ Operation of Korea 4GSR accelerator system 				
Capacity and ability	<ul style="list-style-type: none"> □ [Magnet and Insertion Device] Physical design of magnets and insertion devices □ [Magnet Power Supply] Research and development of high-precision/high-voltage magnet power supply 				
Required knowledge	<ul style="list-style-type: none"> □ (Common) Basic knowledge of accelerator physics □ [Magnet and Insertion Device] Magnetic field analysis technology □ [Magnet Power Supply] Design and optimization of high efficiency converter / high-voltage magnet power supply 				
Required skills	<ul style="list-style-type: none"> □ [Magnet and Insertion Device] Magnetic field FEM simulation and analysis □ [Magnet Power Supply] Magnet power supply design technology and high-precision / high-voltage precision measurement 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible, and diligent attitude to solve a problem □ An exploratory attitude towards new knowledge and skills □ Positive and active communication attitude □ Efforts oriented towards teamwork 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –19】

Area of recruitment	X-ray experimental research – X-ray scattering & spectroscopy				
Academic major	Physics, Chemistry, and related major	Job position	Postdoctoral researcher	Locations	Daejeon or Ochang
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ X-ray scattering and spectroscopy study for material research □ Synchrotron X-ray Research using spectroscopy analysis (XES, IXS, and so on) □ R&D for end station of x-ray beamline in synchrotron facility □ Performing R&D using spectroscopy analysis techniques development 				
Capacity and ability	<ul style="list-style-type: none"> □ Research capability for x-ray scattering and spectroscopy □ Experience in experiments/analysis using synchrotron X-ray □ X-ray Spectroscopy experiment / analysis technique capabilities □ Collaborative research and international cooperation capabilities 				
Required knowledge	<ul style="list-style-type: none"> □ Fundamental understanding of x-ray scattering & spectroscopy process □ Research knowledge related to X-ray advanced techniques □ Expert knowledge related to spectroscopic techniques and instrumentation □ Research knowledge in the fields of physics/chemistry/materials using spectroscopic techniques 				
Required skills	<ul style="list-style-type: none"> □ Analysis skill for x-ray scattering and spectroscopy technique □ (soft, hard) X-ray spectroscopy experiment and analysis skills □ Software skills related to (soft, hard) spectroscopy analysis 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible, and diligent attitude to solve a problem □ An exploratory attitude towards new knowledge and skills □ Positive and active communication attitude □ Efforts oriented towards teamwork 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.

【Job Description for 2nd Postdoctoral Fellow Recruitment –20】

Area of recruitment	Deliberation, policy planning, and business operations related to national research facilities and equipment				
Academic major	All fields in the humanities, social sciences, natural sciences and engineering	Job position	Postdoctoral researcher	Locations	Daejeon
NCS category	Main Category	Category		Sub-Category	
	A separate analysis was performed to prepare the following contents as the NCS has not developed job categories corresponding to the job duties				
KBSI mission	<ul style="list-style-type: none"> □ Conducting R&D on research facilities & equipment and analytical S&T, and joint research and support for promoting basic science, the foundation of the national science and technology development 				
KBSI main functions	<ul style="list-style-type: none"> □ Research support and joint research through the development and operation of cutting-edge large-scale research equipment □ Development of analytical technology and equipment through analytical science research □ In charge of general management of national research facilities and equipment □ Fostering research equipment experts and creative future talent 				
General requirements	Age and gender	Not specified			
Educational requirements	Academic Background	Doctoral degree			
Required job duties	<ul style="list-style-type: none"> □ Deliberation on the introduction of national research facilities and equipment □ Policy planning for national research facilities and equipment □ Business planning and operation of national research facilities and equipment 				
Capacity and ability	<ul style="list-style-type: none"> □ Policy and business planning □ Business operations related to national research facilities and equipment □ Writing business plans, papers, and reports 				
Required knowledge	<ul style="list-style-type: none"> □ Knowledge of planning, management, and operation of national R&D projects □ Knowledge of laws, regulations, standard guidelines, and systems related to national research facilities and equipment □ Understanding of the life cycle and management system of national research facilities and equipment 				
Required skills	<ul style="list-style-type: none"> □ National R&D project planning and report/research paper writing skills □ Information search skills related to national research facility equipment □ MS Excel and statistical data creation and analysis, data management skills 				
Attitude in performing duties	<ul style="list-style-type: none"> □ Proactive, responsible, and sincere attitude toward problem solving □ Inquisitive attitude toward new knowledge and skills □ Positive and proactive communication attitude □ A commitment to teamwork 				
Reference websites	<ul style="list-style-type: none"> □ www.ncs.go.kr (except for the undeveloped jobs in NCS) - The above job description was prepared through a separate analysis. □ http://www.kbsi.re.kr (KBSI website) □ https://kbsi.recruiter.co.kr (KBSI application site) 				

※ The above duties are the main duties that the applicant will perform upon employment after being selected as the successful applicant, and the applicant may perform duties other than the main job duties and the place of work may also be changed.