

## NCS-Based KAIST Job Description – Research position

Recruitment area	Research	Classification system	Parent category	Sub-category	Sub sub-category	Sub sub-sub-category
			Mathematics (Scientific Machine Learning)			
Mission	<ul style="list-style-type: none"><li>○ Korea Advanced Institute of Science and Technology (KAIST) Act<ul style="list-style-type: none"><li>- Educating outstanding talent proficient in theory and practice as required in the fields of science and technology for industrial development</li><li>- Carrying out the nation’s mid- and long-term R&amp;D, and basic and applied research to foster national competitiveness in science and technology</li><li>- Providing comprehensive support to research conducted by other research centers and industries</li></ul></li></ul>					
KAIST’s major businesses	<ul style="list-style-type: none"><li>○ Education: Fostering creative talent, strengthening convergence education, nurturing global leaders in science and technology, strengthening human resource capacity</li><li>○ Research: Support for development of outstanding research projects, acquisition of specialized researchers, advancement of entrepreneurial culture, creation of high value-added intellectual property rights, promotion of technology transfer/commercialization, and development of large-scale, leading projects</li><li>○ Cooperation: Creating a working environment to be at par with global standards, and multifaceted cooperation for global leadership</li><li>○ Administration: Provision of administrative and technical service for international students/faculty (Support for operation of a “Korean-English bilingual campus”)</li></ul>					
Growth engines	<ul style="list-style-type: none"><li>○ Vision: Global Value-Creative World-Leading University<ul style="list-style-type: none"><li>- Hub for Fostering Knowledge Creation and Global Convergence Talents</li><li>- Center for the World-Leading New Knowledge and Technology)</li></ul></li><li>○ Five innovation initiatives: Innovation in education, research, technology commercialization, globalization and future strategies</li><li>○ 3C Leadership: Change, Communication, Care</li></ul>					
Duties and responsibilities	<ul style="list-style-type: none"><li>○ Research for BK21four project group and Scientific Machine Learning</li></ul>					
Job performance details	<ul style="list-style-type: none"><li>○ Research related with our BK21four project group and Scientific Machine Learning</li></ul>					
Knowledge required	<ul style="list-style-type: none"><li>○ Ph. D. degree in mathematics</li></ul>					
Required skills	<ul style="list-style-type: none"><li>○ Having mathematical excellence and creative ideas.</li></ul>					

Attitude while performing duties	<input type="radio"/> Being self-motivated and enthusiastic.
Basic skills	<input type="radio"/> Maturity in mathematics
Reference site	<a href="http://www.ncs.go.kr">www.ncs.go.kr</a> , <a href="http://www.kaist.ac.kr">www.kaist.ac.kr</a>