

## NCS-Based KAIST Job Description

Recruitment area	Research	Classification system	Parent category	Sub-category	Sub sub-category	Sub sub-sub-category
Recruitment area	Research	Classification system	Topology, with priority given to geometric structures, discrete groups, and higher Teichmuller theory			
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>○ Conduct research on mathematics for the research team and the research assistance.</li> </ul>					
Job performance details	<ul style="list-style-type: none"> <li>○ Conduct research on mathematics particularly in the fields of geometric structures, discrete groups, and/or higher Teichmuller theory.</li> <li>○ Research assistance to the research team</li> </ul>					
Knowledge required	<ul style="list-style-type: none"> <li>○ A Ph.D. degree in mathematics, Knowledgeable in the areas of geometric structures, discrete groups, and/or higher Teichmuller theory</li> </ul>					
Required skills	<ul style="list-style-type: none"> <li>○ Having mathematical excellence and creative ideas. Knowledgeable in the areas of geometric structures, discrete groups, and/or higher Teichmuller theory</li> </ul>					

Attitude while performing duties	<input type="radio"/> Being self-motivated and enthusiastic.
Basic skills	<input type="radio"/> Maturity in mathematics. Knowledgeable in the areas of geometric structures, discrete groups, and/or higher Teichmuller theory
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>