

NCS-Based KAIST Job Description – Research position

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

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