한국과학기술원 NCS 기반 직무기술서 <연수연구원-수리과학과>

Recruitment area	Research position (Post-Doc)/ the Institute of Natural Sciences	Field	대분류	중분류	소분류	세분류
			Field: Mathematics Required experties: Partial Differential Equations			
Mission	○ Korea Advanced Institute of Science and Technology (KAIST) Act - 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	○ 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	○ Vision: Global Value-Creative World-Leading University - 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	○ Research on nonlinear partial differential equation arising from fluid dynamics					
Job performance details	○ Research on compressible Euler system ○ Research on compressible Euler-Poisson system					
Knowledg	○ Solid knowledge on theory of partial differential equations					
Required skills						
Attitude while performing duties	○ Problem-solving ability and curiosity about new fields ○ Ability to learn new knowledge and skills continuously. ○ Exuberant attitude in research collaboration					
Basic skills	○ Problem-solving skills ○ mathematical skills					
Reference sites	www.ncs.go.kr, www.kaist.ac.kr					