

 **LG Electronics** | 2009 2nd HALF CAMPUS RECRUITING

WHEN
LG
ELECTRONICS
MEETS
YOU
WHEN
YOU
MEET
LG
ELECTRONICS

2009.09.01 - 09.18

www.lge.co.kr

Yr 2009 2nd half

Campus Recruiting

| Overview |

LG Electronics' innovative technologies, unique products, and cutting-edge designs are an investment in the future.

LG Electronics, Inc.(LG) is a global leader and technology innovator in consumer electronics, mobile communications and home appliances, employing more than 84,000 people working in 112 operations including 81 subsidiaries around the world. With 2008 global sales of \$44.7 billion, LG comprises of five business units - Home Entertainment, Mobile Communications, Home Appliance, Air Conditioning and Business Solutions. LG is one of the world's leading producers of flat panel TVs, audio and video products, mobile handsets, air conditioners and washing machines.

| Who Are We Looking For? |

- The Right People -

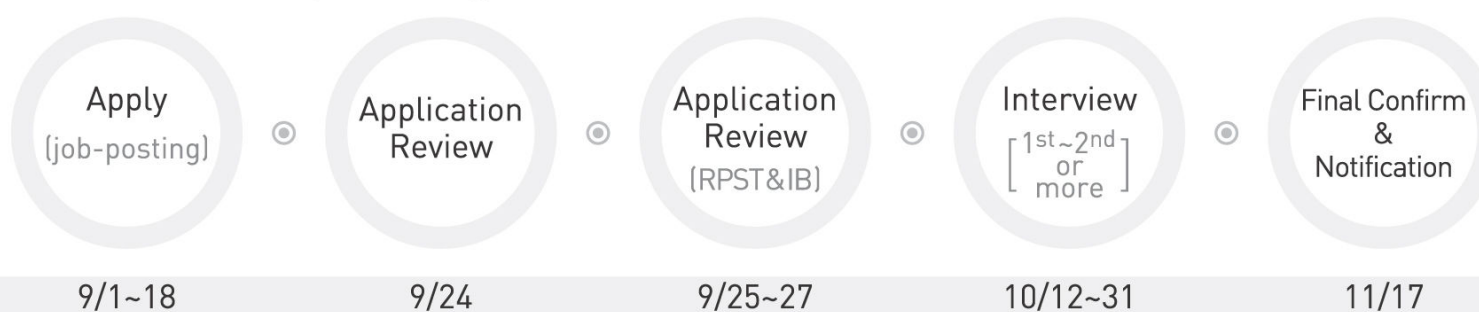
We call the talented people that we seek "The Right People" - the people, who will fit in well with the company's corporate culture and who are determined to win. Those who can pursue the "stretch goal" with the determination to perform brilliantly and win.

| Business Divisions and Main Products |

- Home Entertainment : LCD TVs, Plasma TVs, Audio, Video, Optical Storage
- Mobile Communications : Mobile handset (CDMA/GSM/3G), Mobile Accessory, PCB, WLL
- Home Appliance : Washing Machines, Refrigerators, Cooking Appliances, Vacuum Cleaners, Built-in Appliances
- Air Conditioning : Residential Air Conditioners , Commercial Air Conditioners, Home Solution, Compressors
- Business Solutions : Monitors, Commercial Displays, Car Infotainment, Security Business

| Recruiting Process & Schedule |

- Visit LGE web site(<http://www.lge.co.kr>)



| Contact |

e-mail : **Recruiter@lge.com**



Company	Biz. Domain	Job	Description	Related major	Location	
Home Entertainment Company	HE_Pyungtaek	R&D	* LCD TV Circuit Development : 영상신호처리, TV System개발	* Electrical Engineering & Electronics	* Pyeongtaek Factory	
			* LCD TV S/W Development : Linux System/Driver Programming, JAVA, Embedded Test	* Electrical Engineering & Electronics		
				* Computer Science		
			* LCD TV Utensil Development : 기구설계, 음장분석/Simulation, 사출성형CAE, 금형, 구조강성해석, 실험계획	* Mechanical Engineering	* Seocho R&D Campus	
				* Physics		
			- Acoustics preferred	* Pyeongtaek Factory		
			* Video S/W Development : GUI/UI, Channel manager, Browser, GUI/UI, Device driver, 신규 MOD service Protocol/Network, Web Browser GUI, Web Browser Media, HD Format (MPEG Decoding), File System & F ormat, DLNA/CIFS Protocol & Network, DLNA/CIFS Server Mgr,Media, System S/W Porting & Programming	* Electrical Engineering & Electronics	* Pyeongtaek Factory	
			* Set Top Box Development : GUI/UI, Device Driver, EPG	* Computer Science		
				* Telecommunication Engineering		
		* Electrical Engineering & Electronics				
		* Computer Science				
		* Telecommunication Engineering				
		* Electrical Engineering & Electronics				
		* Computer Science				
		* Telecommunication Engineering				
		* Mechanical Engineering				
		* Electrical Engineering & Electronics				
		* Business Administration & Economics				
		* Mechanical Engineering				
		* Business Administration & Economics				
		* Linguistics				
		- English / Japanese / Chinese preferred				
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Company	Biz. Domain	Job	Description	Related major	Location
Air Conditioning Company	AC_Seoul	경영전략/기획	* Planning & Management : 사업계획 / 결산 / 경영분석 / 구분손익 / O/H 관리 등	* Business Administration & Economics * Accounting	* Gasan R&D Campus
		R&D.Support	* Electrical & Electronics Control : Intelligent Building System, Building Management System Control(sales Engineering / Project Engineer / Project Management)	* Electrical Engineering & Electronics	
		Customer Service	* CS : 홈네트웍 솔루션, 호텔 솔루션, 조경사업의 해외사업 확장에 따른 해외 CS업무, SVC TP, 사업계획 수립,VOC 처리 역량, Customer insight, Network 운영전략 수립을 통한 SVC Process구축	* Electrical Engineering & Electronics	
		구매/자재	* Outsourcing 구매 : 홈네트웍 솔루션, 호텔 솔루션 아웃소싱 제품에 대한 구매, 구매원가분석, Market 경쟁관계분석, Target Costing이해 / BOM / 재로비구조 / 재로비분석	* Electrical Engineering & Electronics	
		Marketing	* Marketing : Insight Marketing, 정량/정성 시장 조사, Data Analysis	* Business Administration & Economics * Statistics * Psychology	* Twin B/D
			* Marketing : Integrated Marketing Communication, 광고, 홍보	* Business Administration & Economics * Public Relations & Advertising * Mass Communications	
		IT	* IT 전문가 : B2B IT System 기획 및 운영-기업 고객에 대한 고객 관리 및 프로젝트 관리 시스템 구축 및 운영	* Computer Science * English Language and Literature	
		Domestic Sales & Marketing	* Sales Engineer : AHU, 지열, 환기, 수냉식, 지열, Chiller Field Event 담당 * Sales Engineer : Product Engineering, 제품 설계 및 검토, 제안, GTMM 담당	* Mechanical Engineering * Mechanical Engineering	
		물류	* Supply Chain Management(SCM) - SCM 기획 : SCM Performance 분석 / SCM 프로세스 및 IT 기획 - 수요혁신 : 수요예측(CPFR/ 통계적 수요예측기법 등) 프로세스 혁신 - 공급혁신 : 공급계획 수립 프로세스 혁신 - 물류혁신 : 중장기 물류전략수립/ 물류비 분석/ 물류 프로세스 혁신 등	* Supplier Chain Management(SCM) * Industrial Engineering * Business Administration & Economics	* Twin B/D * Changwon2
		R&D.Support	* 기술지원 : 솔루션 spec-in (호텔 국내/해외항)	* Electrical Engineering & Electronics * Mechanical Engineering * Telecommunication Engineering	* Gasan R&D Campus
	R&D.Support	* Electrical & Electronics Control : Intelligent Building System, Building Management System Control(sales Engineering / Project Engineer / Project Management)	* Electrical Engineering & Electronics		
	R&D.H/W	* H/W : Embedded H/W 설계, 개발(호텔 국내/해외항) * H/W품질 : BMS/호텔솔루션/조경솔루션에 대한 H/W품질, H/W평가를 위한 시험방법설정, 분석/평가할 수 있는 품질설계 및 회로이론, 품질불량 해석기술	* Electrical Engineering & Electronics * Electrical Engineering & Electronics		
	R&D.S/W	* 연동 및 S/W 품질 : BMS/호텔 솔루션 연동제품에 대한 S/W품질, S/W구조, S/W공학, S/W Test process이해, S/W Test Plan 및 결함관리 system이해 * S/W : Embedded S/W설계, 개발(호텔 국내/해외항)	* Electrical Engineering & Electronics * Computer Science * Electrical Engineering & Electronics * Computer Science		
	AC_Changwon	경영전략/기획	* 경영기획 : KPI관리 / 이동계획 / 사업계획 / 중장기 계획 / 평가 / 전략	* Business Administration & Economics	* Changwon2
		재경/금융	* Cost Planning(원가기획) : 원가 결산 / 연결수익성 / 총원가관리 / Accounting	* Accounting	
경영전략/기획		* Business Management : 경영관리	* Business Administration & Economics		
총무/업무/홍보		* Corporate Culture/Innovation : HR/B3X의 조직문화 / 혁신업무	* no specific major required		
생산기술		* Production Engineering : 생산기술 담당자	* Mechanical Engineering		
QA		* Quality assurance(QA) : 품질관리 담당자	* Mechanical Engineering		
Domestic Sales & Marketing		* Sales Engineer : Product Engineering, Academy Set up, Operation	* Electrical Engineering * Refrigeration & Air-Conditioning Engineering		
물류		* Supply Chain Management(SCM) : Supply Chain Management 업무	* no specific major required - Industrial Engineering preferred - ability to communicate in English (Speaking & Writing)	* Changwon2	
생산기술		* 생산기술 : 공장기획 및 생산공장 Layout * 공정설계 : 신 생산 방식 및 물류 전문가	* Industrial Engineering		
구매/자재 법무 구매/자재 생산관리/제조		* 자재수급 : Air Conditioner 주요자재 수급 및 개발 Input * 법률 : 계약/PL/SVC등 법률 중심 전문가 * LED : LED Out-Sourcing 담당 * Management - GLOBAL(LGETA/LGEIL/LGETH) Out-Sourcing 통합관리 및 지원, R&R 조정 LGETA : LG Electronics Tianjin Appliances Co., Ltd LGEIL : LG Electronics India (PVT.) Ltd. LGETH : LG Electronics Thailand Co.,Ltd.	* Mechanical Engineering * Law * Electrical Engineering & Electronics * Business Administration & Economics		
AC_Changwon	R&D	* 전장/회로 : 회로부품 품질관리-CAC / 인버터 회로 전문 (회로 설계 / 특성 분석 / 공정 기획 / 검사기획)	* Electrical Engineering & Electronics - Circuit preferred	* Changwon2	
		* 전장/회로 : 전장회로 품질관리 (LED Out-Sourcing관련 품질관리, Out-Sourcing업체 회로부품 품질진단)	* Electrical Engineering & Electronics - Circuit preferred		
		* LED : LED 품질 관리(LED 신뢰성 시험, 품질 관리, 방열, 광학 특성, 렌즈 특성 분석, 광계측 분석)	* Electrical Engineering & Electronics - LED preferred		
		* 모터 및 진동 해석 : 모터 해석 및 최적설계/ 진동/음향계 해석 및 제어 * 구조해석/설계 : CAE(컴퓨터 응용 공학)-Solid 모델링(Pro/Engineer), 유한요소해석(MSC/NASTRAN/ ANSYS/ FLUX), 경계요소해석(SYSNOISE), 설계민감도해석(SENS/ MAGSEN)/ 최적설계(DOT), 금속성형 과정의 시뮬레이션, 구조물의 충격해석과 최적설계, 구조물의 자동해석 및 자동설계 프로그램 개발 * 건축설비환경 : IAQ, 실내소음분석, 열에너지 시뮬레이션 평가 태양열/태양광	* Mechatronics * Mechanical Engineering		
		* 기술경영 : KMS(Knowledge Management System), Analysis of Digital Economy, Technological Knowledge Management System(TKMS)	* Industrial Engineering		
		* 냉동공조 Cycle : 압축식 공조 / 냉동 Cycle, (열전달, 유동이론, 고온 열저어, 냉매, 공기물성, 운할, 마모, 계측, 분석), 신방식/기타방식 (Thermo module, MR, MH, 흡수식) Cycle	* Mechanical Engineering		
		* 냉동시스템 : 연료전지(Fuel Cell, Solar Cell), Co2 냉매를 이용한 냉동시스템, 냉동기	* Mechanical Engineering		
		* 모터설계 및 제어 : 선형 전동기, 회전형 전동기의 특성해석과 설계, 소형전동기의 제어, 전기기기 설계	* Electrical Engineering		
		* 성능해석/설계 : 유체기계의 성능 해석 및 설계(발전설비와 터보기계들의 공력설계, 유동해석, 소음저감), Cycle 설계, 열교환기 해석	* Mechanical Engineering * Aerospace Engineering		
		* 시스템 설계 : Design Optimization, Noise & Vibration Control, Psycho & Bio Acoustics, Electromagnetic system Design, 각종 메카트로닉 시스템의 해석 및 최적설계	* Mechanical Engineering * Electronics		
		* 시스템 최적화 : Discrete Optimization, 정수계획법-Polyhedral combinatorics, 분지한계법, 열생성 기법, 절단평면 연구, 라그랑지 완화법	* Industrial Engineering		
		* 신소재 : 친환경, 신재생 에너지, 초전도 및 자성재료, Nono 구조 해석, Nono 공정 기술	* Advanced Materials Sci. & Eng.		
		* 신호처리 : 영상처리(물체 인식 및 판독을 위한 알고리즘 이론 개발), 생체계측, 생체신호처리	* Electronics * Mechatronics		
		* 유체역학 : 유체역학 응용(유체기계/전자기계/환경 등, 열/유체 유동 해석, CFD 응용)	* Mechanical Engineering		
		* 인공지능 : 인공지능/ 멀티미디어/ Machine Vision	* Electronics		
		* 전력전자 : 전력전자, 시스템 보호, 전력 변환기, 전동기 드라이브, VPS	* Electrical Engineering & Electronics		
		* 제어 : Sensor 및 Actuator 설계 및 제어, Motion 제어, 전자기 시스템 설계 및 제어	* Electronics * Mechatronics		
		* 제품공학 : 제품 플랫폼 및 아키텍처 설계, 라이프사이클 공학을 위한 데이터 관리 방법론, 환경친화적 제품 설계 방법론, 설계 및 개발 품질 보증 방안, 제품개발 프로세스 및 프로젝트 관리 방법론	* Industrial Engineering		
		* 지능제어 : 로봇 슬라이딩 모드 컨트롤, 이동 위치제어, Vision 응용 물체인식 및 제스처 인식, 인간 감성 추정 및 해석	* Mechanical Design		
		* 컴퓨터/제어 : 최적화 알고리즘, 컴퓨터구조, 마이크로 프로세서, 모터제어, 자동제어	* Electrical Engineering & Electronics * Computer Science		
		* 회로/시스템 설계 : Analog/Digital/통신용/저전력 회로 설계, Hardware/Software 통합 설계	* Electrical Engineering & Electronics		
		* CAD/CAM/CAE : CAD/CAM/CAE	* Mechatronics * Mechanical Engineering		
		* 기구설계 : 압축기용 기구설계	* Mechanical Engineering		
		* 기구설계 : 압축기용/운할/유체유동/Tribology/마모/신뢰성	* Mechanical Engineering		
		* 신재료 : 압축기 or Motor용 신재료 개발 및 평가	* Material Engineering		
		* Motor 설계 : 밀폐형 압축기용 Motor 설계	* Electrical Engineering		
		* 냉동공조 Cycle : Water cooled/ Air cooled/ AWHP/RHP등 대현 CAC제품 Out-Sourcing 담당	* Refrigeration & Air-Conditioning Engineering		
		* 디지털신호처리 : 디지털신호처리 이론을 기반으로 하는 음성인식, 음성형성, 영상신호처리, 데이터 압축, 디지털 필터 등 기술(이미지 센서, 센서 어레이, 카메라 사용)	* Electrical Engineering & Electronics		
		* 로봇/지능제어 : SLAM / Robotics(로봇제어/지능제어) / Sensor / Opto-Electronics, DSP Control(Hardware 및 Software) / Logic IC 응용 설계	* Electrical Engineering & Electronics		
		* 시스템 제어기 설계 : 제품특성 이해 기반에서 제어이론(지능제어/ 선형제어/ 비선형제어이론 등)을 적용하여 제품 구동 알고리즘 설계기술 및 MICOM 기반 구현, MCU설계, Sensor, Opto-Electronics, 전력전자, 아날로그 시스템 설계	* Electrical Engineering & Electronics		
		* Inverter : 가변속 모터 제어 기술, 가변속 모터 제어 Algrithm 및 H/W 분석, 설계	* Electrical Engineering & Electronics		
		* 일반 H/W 설계 : 제품 컨트롤러 설계기술/ 부품선정 등	* Electrical Engineering & Electronics		
		* Embeded H/W : 아바타와 같은 디지털 H/W 설계 기술, 임베디드 관련 경력자	* Electrical Engineering & Electronics		
		* 전력변환 : 컨버터의 알고리즘 및 H/W 기술	* Electrical Engineering & Electronics		
		* Inverter 제어 : BLDC 모터의 제어기 설계, Vector 제어, SVPWM 제어, 전류 제어, 속도 제어, BLDC 모터 제어 기술 - H/W 분석 및 설계	* Electrical Engineering & Electronics		
R&D.S/W	* 일반 S/W 설계 : 마이컴을 이해하고 제품을 동작시키는 Micom S/W의 Coding 기술 * Embeded S/W : ARM 계열 등의 프로세서 기반에서 응용 S/W 및 Firmware(Driver) 프로그래밍 기술 - non-OS WinCE ,Embeded Linux * S/W 공학 : SW공학의 이론적 기반의 SW 구조화 설계와 분석 기술, 문서화 기술, UML / State diagram / Data flow diagram 등을 활용한 S/W의 분석 및 설계, 객체지향 구조 이해	* Electrical Engineering & Electronics * Electrical Engineering & Electronics * Electrical Engineering & Electronics			

Company	Biz. Domain	Job	Description	Related major	Location
CTO Division	Advanced Research Institute - Devices & Materials System R&D Lab.	R&D	* Devices & Materials : Solar Cell(Si Thin Film, Crystal solar cell, 박막 plasma 장비), Healthcare (Sensor, optical Spectroscopy, 혈액분석 기술), Optical Device(화합물 반도체), Optics (광학 설계, circuit driver), Water treatment (membrane, filter), MEMS device	* Electrical Engineering & Electronics * Material Engineering * Physics * Mechanical Engineering * Biomedical Engineering * Advanced Materials Sci. & Eng. * Biotechnology * Chemistry	* Umyeon R&D Campus
	Advanced Research Institute - Information & Technology R&D Lab.	R&D	* Human Computer Interaction : Sensor Signal Processing, Object Recognition, Haptic, 음성인식 및 합성, Usability Engineering, User Modeling, UI Platform & Application * Audio & Visual Processing : Speech / Audio / Image Processing (Codec) Enhancement/Acoustics * Network : Mesh Network, Audio / Video transmission, WPAN, WLAN, TCP/IP, Routing, Home Network * Application software : Web/Java/Flash Programming, GUI Programming * Fast Prototyping Implementation : 제품개발 (H/W Design, Middleware/Application 개발, Device Driver, DSP, Firmware, OS), Application 개발 (PC / 단말 Application), Software Quality Engineering * New Research Area : Wireless Security, BMS (IBS), Bio Signal Processing, etc	* Electrical Engineering & Electronics * Computer Science * Human Factors/Ergonomics * Human Sensibility Ergonomics * Cognitive Science * Industrial Psychology * Design * Biomedical Engineering	* Seocho R&D Campus
	Advanced Research Institute - Software Center	R&D	* Software Quality Engineering : Software Quality Assurance, Software Test Engineering, Software Engineering Tool, Software Development Environment, Software Quality Measurement & Analysis, Technical Writing * Mobile/Home Application Engineering : Software Platform & Application Framework Design, Software Architect, Operating System, Refactoring, Embedded System Software, Mobile Applications, Web Browser & Application, Development Tool, Server System Design, Web & Flash Runtime, Network Design * Open Source & Linux : Embedded Linux, Linux GUI libraries & multimedia framework, Open source software, File system, Virtualization for embedded systems, Software for multi-core / many-core processors, Android platform, Thin client	* Electrical Engineering & Electronics * Computer Science * Information & Communication Engineering * Mobile Communication Engineering	* Seocho R&D Campus
	Digital TV R&D Lab.	R&D	* Product Embedded S/W : O/S, Device Driver 설계, Middleware, Application S/W, System S/W Design, JAVA Application * ASIC설계 : System/Audio/Video Decoder설계, Video Processor ASIC설계, Embedded CPU/Memory Control/Host Interface ASIC 설계, 화질향상 ASIC 설계, Chip Architecture설계, DTV Board H/W 및 S/W, Lib설계 * H/W Design : Digital Circuit Design, Analog Circuit Design, R/F Design, System Design * Digital 신호처리 : Data 압축/복원, Coding, Synchronization, Equalization, 영상해석, 음성해석/합성	* Electrical Engineering & Electronics * Computer Science	* Seoul University
	Data Storage R&D Lab.	R&D	* Storage System : Servo, High Density Recording/Coding, Optimal Power Control, Write Strategy, Digital Signal Processing, H/W (Circuit, RF), PC Interface(ATAPI, SATA, USB), Wear-leveling, Flash Transition Layer, Encryption/Decryption, ECC, Parallel process, Near Field Recording, Data Coding(1D,2D) * S/W & Network 응용 : MPEG Data Processing, Embedded System, Vision Application, DRM, OS응용(Windows, Linux Programming), Database & Intelligent System, (Database Mining / Knowledge Discovery / Multimedia Database Systems), Networking (Local Computer Networks / Mobile Wireless Networks), Network Security, User Interface * Mechatronics / Robotics : Mechanism, Servo & Actuator, Vibration, Magnetics, CAE, Human Computer Interaction, Haptic, Motion/Force Control, Biomedical Engineering	* Electrical Engineering & Electronics * Computer Science * Mechanical Engineering * Control Engineering * Biomedical Engineering	* Seocho R&D Campus
	Display R&D Lab.	R&D	* Optics : 화질/결상 광학계, Coating 설계, 광학소자설계 (DOE/HOE등), 광학 System Simulation * 광학 : 광학 Engine설계, 투사/조정 광학계 설계 및 광특성 측정 평가, 광변조, 광Noise제거, 색분리 및 합성, 광학 Filter 설계 (시인성 개선, 3D(입체 디스플레이) Filter등), Laser Speckle 저감 * 구조 설계 : 설계 Mechanism, 냉각, 진동/소음 * Processing : 재료, 공정, Packaging, 신뢰성 평가 * 화질/ ASIC / 회로 : 화질 향상 Algorithm, 화질 측정,평가, VHDL Coding, Simulation, FPGA설계, Display 구동 회로 및 파형 설계 * S/W : 3D Contents 저작 Tool 설계(Graphic Design) * 재료 : 재료 조성 설계 및 공정(형광체, 유전체, 전극, Film 등)	* Physics * Electrical Engineering & Electronics * Image Engineering * Physics * Mechanical Engineering * Electrical Engineering & Electronics * Image Engineering * Information & Communication Engineering	* Umyeon R&D Campus
			* Display 소자 : PDP, Projector, New Display Device(3D)	* Electrical Engineering & Electronics * Material Engineering * Physics	
	Multimedia R&D Lab.	R&D	* Signal Processing : Video Codec, Audio Codec, Speech Codec, Image Codec, Codec Optimizing, DSP Chip 응용 * AV Processing Technology : Image Generation, Image Processing, Image Display, Audio Processing, Pre/Post Processing(Quality Enhancement Technology) * S/W기술 : Embedded OS응용, OS응용, User Interface (Flash/GUI/3D Programming), Application S/W, Architecture Design, Linux/UNIX/WinCE Programming, Middleware Design(Network, Broadcast), Application(AV Media, Network, Camera, Web, LBS,...) * Removable Memory 응용기술 : 반도체 Memory 응용기술 * 통신/네트워크 : Protocol, Modem I/F, Wireless Modem, Digital I/F, HomeLAN, Router, Gateway/Server, RF Antenna, Network Security * 제품설계기술 : Analog Signal Processing, Digital Signal Processing, System Interface 기술, Computer Applied Equipment Design, ASIC Design, Structure Design * System Technology : Network, System Control, System Integration * LBS 기술 : Navigation 알고리즘, GPS 기술, Dead Reckoning 기술, WPS 기술, 기타 Positioning 기술, 2D/3D Graphic Display 기술, DB 검색 기술, Web Contents 응용기술	* Electrical Engineering & Electronics * Computer Science	* Seocho R&D Campus
	System IC Business Team	R&D	* Software Engineering : S/W Quality Engineering, S/W Test Engineering, System test engineering * System IC 설계 : Design Methodology, Digital/Analog 회로설계, RFIC, Analog IP 설계, Flat Panel Display용 구동IC & PM IC개발 - LCD, PDP, AM OLED, Application, IC Test * Multimedia & Broadcasting : Video Codec, Codec, Image/Video Processing, Sound Processong, Channel Receiver * Embedded Software : RTOS, Device Driver, Middleware	* Electrical Engineering & Electronics * Computer Science	* Umyeon R&D Campus
	Mobile Communication Technology Research Lab.	Marketing R&D	* Marketing/Sales : Product Management, 전략 마케팅, 영업 관리 * Modem Technology : 3G/4G Modem Solution, System Engineering, Physical Layer, Layer 2/3/NAS/USIM, Embedded Processor, SoC Technology, Baseband HW, RF, MIMO Antenna, RTOS/OpenOS, USB Host/Client Driver * Standardization and Research : GSM/EDGE/UMTS/LTE Network Architecture, Radio Access, Radio Interface Protocol, Packet based IP Protocol, Mobile Application Standardization, Cooperative Network, Cross-layer Optimization, Cooperative Network, Cross-layer Optimization, Physical Layer, Layer 2/3	* Electrical Engineering & Electronics * Computer Science * Information & Communication Engineering * Mobile Communication Engineering	* Anyang Lab
HAC R&D Lab.		R&D	* 진동소음 : 진동소음 측정 및 평가기술, 진동/소음계 모델링, 방음 방진	* Mechanical Engineering * Aerospace Engineering * Physics	* Gasan R&D Campus
			* 구조역학 : 구조역학 측정 및 평가기술, 해석기술	* Mechanical Engineering * Aerospace Engineering * Material Engineering	
			* 열공학 : 열역학, 열전달, 물질전달	* Mechanical Engineering * Aerospace Engineering * Chemistry	
			* 유체/유동 : 유체유동 설계기술, CFD, 유체유동 계측기술, IAQ, Bio / Micro fluidics	* Mechanical Engineering * Aerospace Engineering	
			* 재료 및 신뢰성 : 신소재응용, 신뢰성, Tribology, Heating System, Coating, 냉동공조재료	* Material Engineering * Mechanical Engineering * Physics * Chemistry	
			* Software & Network : 제어응용, System제어, Network통신, SW Quality Assurance	* Aerospace Engineering * Electrical Engineering & Electronics * Control Engineering * Telecommunication Engineering	
			* Power & Magnetics : Inverter Topology, Static Power Converter, Motor Drive, Motor 설계/해석, Sensor응용, MW응용, Plasma 응용	* Electrical Engineering & Electronics * Control Engineering * Mechatronics * Physics * Mechanical Engineering	
			* Manufacturing Research : Lean Manufacturing, GSCM, Product Development Process, Marketing, Production Plan, New Production Method	* Industrial Engineering * MBA * Marketing	* Pyeongtaek Factory
			* Development Research : CAD/CAM, EDB, Structural / Injection / Vibration / Thermal Analysis, Supporting Productivity improvement	* Industrial Engineering * Mechanical Engineering * Computer Science	* Pyeongtaek Factory
			* Manufacturing Process Technology : Coating, Printing, Molding, Nano Material Application, Atmospheric pressure Plasma, surface treatment, Injection molding	* Mechanical Engineering * Material Engineering * Chemical Engineering	* Pyeongtaek Factory
			* Laser Application Technology : Laser Application, Direct Patterning, Repair	* Mechanical Engineering * Material Engineering * Electrical Engineering & Electronics	* Pyeongtaek Factory
			* Appearance Technology : Development for Surface Treatment, Forming & New Materials, Coating, Printing, Anodizing, New Concept Design : Color, Material, Finishing	* Chemical Engineering * Polymer * Mechanical Engineering * Plasticity	* Pyeongtaek Factory
			* Thinfilm Technology : Thermal & Particle Control / Design, Vacuum Deposition Processing & System, Sputtering * Photo Lithography : Projection / Proximity Exposer, Maskless Lithography, Machine Control, Mechanism / Vibration analysis	* Mechanic, Material, Control * Chemistry, Physical Engineering * Physics, Optics, Automation * Electrical Engineering * Material Engineering	* Pyeongtaek Factory
			* Evaluation Technology : Machine Vision, Control Systems & Automation, Sensor & Measurement, Digital Signal Processing & Embedded System	* Mechanical Engineering * Automation, Control Engineering * Electronics	* Pyeongtaek Factory
			* Manufacturing Automation : Mechanical Design, Machine Control, Electric Circuit & Control algorithm, Motion Control and Stage	* Electrical Engineering & Electronics * Control Engineering * Instrumentation Engineering	* Pyeongtaek Factory
Headquarter	Productivity Research Institute	R&D	* Electronic Packaging Technology : Parts & Board Design / Analysis, Develop Package / Module, EMI & EMC, Eco-friendly Soldering Tech.	* Electrical Engineering & Electronics * Electric Wave * Telecommunication Engineering	* Pyeongtaek Factory
			* Transfer Equipment : Transfer System diagnosis & Consulting, Transfer system Control, 3D Modeling & Transfer Simulation, Display Plant Layout Design & Transfer system	* Mechanical Engineering * Electrical Engineering & Electronics * Control Engineering	* Gumi
			* Module Equipment : Module Bonding technology, Machine Control, Module new process, PDP, LCD Module Process	* Mechanical Engineering * Industrial Engineering * Material Engineering * Electrical Engineering & Electronics	* Gumi
			* Quality Research : Reliability Test method Development & Standardization, Reliability In Use, Practical Quality Process	* Electrical Engineering & Electronics * Statistics, Physics * Industrial Engineering * Chemical Engineering	* Pyeongtaek Factory

