

첨부) 모집분야

모집분야	세부 연구 분야
R&D (연구개발)	<ul style="list-style-type: none"> ✓ Semiconductor Materials <ul style="list-style-type: none"> - Fabrication(Nano Patterning) Materials for Lithography <ul style="list-style-type: none"> · SOH, SOD, CMP Slurry etc. · Materials for Printed Electronics, Organic Semiconductor etc. - Packaging Materials <ul style="list-style-type: none"> · EMC, Functional Adhesive Tapes, LED Encapsulants etc. ✓ Display Materials <ul style="list-style-type: none"> - LCD : Color Resist, ACF etc. - OLED : ETL, HTL, PDL, EML etc. ✓ Functional Films <ul style="list-style-type: none"> - Optical films (Polarizer, Retardation Film) - Coatings : AR/LR, Hardcoating, Prism Film etc. - Barrier Films for Flexible Substrate and Encapsulation ✓ Engineering Plastics <ul style="list-style-type: none"> - PC, Polyester, Nylon, Polymer Blends etc. ✓ Optical Polymers <ul style="list-style-type: none"> - PMMA, PC, COC, COP etc. ✓ Super Engineering Plastics <ul style="list-style-type: none"> - PES, PEEK, PPE etc. ✓ Functional Polymers and Materials <ul style="list-style-type: none"> - Conductive Polymers, Microbeads, Flame Retardant, Bio Polymer etc. ✓ Nano Materials <ul style="list-style-type: none"> - CNT, Graphene, Nano Composites, Metal Oxides, Metal Powders, Metal Nano Wire etc. ✓ Environment and Energy <ul style="list-style-type: none"> - Conductive Pastes for PV, Separator for Lithium Ion Battery - Membrane for Water Treatment : Materials, Module Design, Process Engineering, Simulation etc. ✓ Material Synthesis <ul style="list-style-type: none"> - Monomer/Polymer Design, Synthesis, Polymerization - Organic Synthesis, Catalyst Synthesis, Dye Chemistry etc. - Silicone Chemistry, Acrylic Chemistry etc. - Molecular Simulation ✓ Process Engineering <ul style="list-style-type: none"> - Reaction Kinetics, Synthetic Route, Process Design, Process Simulation etc. - Film Processing (Extrusion, Stretching, Coating etc.) ✓ Polymer Physics and Processing <ul style="list-style-type: none"> - Processing Technique, Rheology, Structure-Property Relationship etc. ✓ Physics, Optics, and Mechanical Engineering ✓ Reliability Analysis <ul style="list-style-type: none"> - Device Related Technologies for Semiconductor, Display, Automobile, Battery, Water Treatment etc.