Research Supervisor and Research Subject

[Master Course・Doctor Course]

Information Science and Manufacturing Engineering

Supervisor		Research Subject	Master	Doctor	Remarks
Professor	Yasutaka Ando	①Surface Engineering, ②Energy Conversion Materials, ③Metallic Materials	A(B)	I	
Professor	Yuichi Nakajo	①Inelastic Behavior of Materials and Structures, ②Structure Stability, ③Small-scale Solar Thermal Applications (Solar Cooker etc.)	A(B)	I	
Professor	Sakae Saito	①Metallic Materials, ②Technology of Plasticity, ③Processing of Advanced Metallic-materials	B	I	
Professor	Yasuo Sakurai	①Oil-hydraulics and Pneumatics, ②Fluid Mechanics, ③Functional Fluid	B	I	
Professor	Shigeaki Kobayashi	①Structural and Functional Materials, ②Grain Boundary Engineering, ③Nanocrystalline Materials	B		
Professor	Kazuo Shoji	①Preparation of Environmental-friendly Piezoelectric Ceramics, ②Preparation of Piezoelectric Ceramics for High Temperatures Use, ③Manufacturing a Ceramics Capable of Lowering a Sintering Temperature	C	H	
Professor	Tatsuya Doi	①Electromagnetic Field Analysis, ②Quantum Computation Theory, ③Power Magnetics	C		
Professor	Kazuya Yokoyama	①Applied Superconductivity, ②Magnet Technology, ③Power System	C		
Professor	Mitsuo Yamashiro	①Manufacturing Systems Engineering, ②Operations Research, ③Powder Technology	D	I	
Associate Professor	Akinori Kimura	①Particle Physics Simulation, ②Computer Visualization, ③3D Computer Graphics	D		
Professor	Masato Sasaki	①Multiobjective Optimization, ②Optimal System Design, ③eBusiness by Softcomputing	D		
Professor	Toshinori Kobayashi	①Human Information Engineering, ②Ergonomics of Sleep, ③Biological System Engineering	E	G	
Professor	Yoichi Tsuji	①Robot Control by Electrophysiological Signal, ②Analysis and Understanding of the Electrophysiological Signal, ③Automatic Detection of Arousal Level	E(C)		
Professor	Ding Dayu	①Pyrotechnic Engineering, ②Shock Wave and Explosion Mechanics, ③Applied Technology of Energetic Materials	F		

・Master Course

A Renewable Energy and Environmental Engineering
B Mechanical System Engineering
C Electrical and Electronic Engineering
D Systems and Information Engineering
E Life Systemics Engineering
F Fireworks

・Doctor Course

G Information Systems Engineering
H Electronics Information Engineering
I Manufacturing Systems Engineering
J Energy Conversion Engineering