Education and Research of Embedded System

Name	Jun SATO	**E-mail**	jun@tsuruoka-nct.ac.jp
Status	Professor		
Affiliations	Department of Creative Engineering Cource of Electrical and Electronics		
Keywords	SoC Design, Embedded Technology, ICT		
Technical Support Skills	Embedded System (Hardware/Software) Design SoC/FPGA Design Cloud Development, Internet of Things, Cybersecurity		

Research Contents

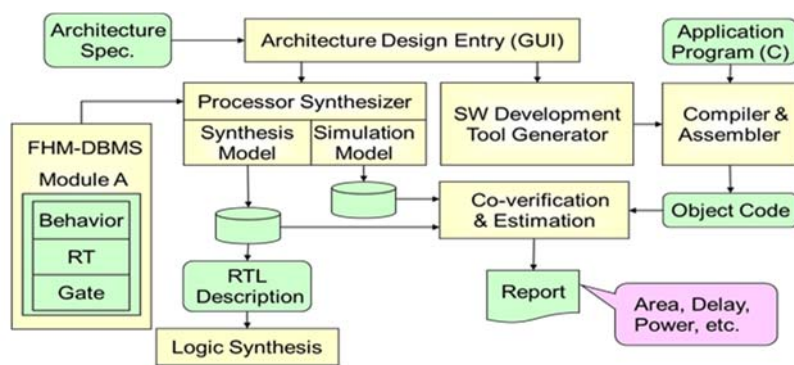○**Application Specific Processor Design**
Development of Application Specific Processor and Reconfigurable Processor

○**Embedded System**
Application of MBD, MDD, System Level Design and C-base Design
Development of Robot Control, M2M and Field Sensing System

○**Network Application**
Application of Cloud System and Mobile Devices, Internet of Things, Cybersecurity

Aplication Specifc Processor Design System   ASIP Meister

Available Facilities and Equipment

Microsoft Azure	Mathworks MATLAB/Simulink
NI Labview	IBM Rhapsody