Laboratory web Research subje Silicon Photonio silicon LSI tech	cts cs: Photonic devices (h	field	High-speed Electronics	EC12		
Research subje Silicon Photonio silicon LSI tech Optical Wireless	cts cs: Photonic devices (h					
Silicon Photonic silicon LSI tech Optical Wireless	cs: Photonic devices (h					
silicon LSI tech Optical Wireless		ما امیم میں ا				
Optical Wireless	nology.	lign-speed pri	otodetector, functional optical waveguide, etc.) fa	bricated by		
		silicon LSI technology.				
solar cell.	Optical Wireless Power Transmission: Construct an wireless power charging system using semiconductor laser and					
	solar cell.					
Master/Doctor course: Education policy, curriculum, typical activity in the laboratory						
Master course students: The research subject is decided by discussion with supervisor.						
Doctor course	students: Students find	the esearch	subject by themselves.			
All students: Journal intoroduction (bimonthly), Progress report (weekly), Presentation at a conference, Writing the						
journal paper.		, .	б	.,		
Daily life in the						
	cide the schedule by th					
They must atte	nd the progress report	and the journ	nal introduction.			
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Recent Master	theses in these 3 years	s (+ more if a	ppropriate)			
			on of Japanese thesis title)			
-			al SOI Optical Waveguides			
			System to Moving Object using Image Recognition	Mothod		
				Method		
			er Transmission for Moving Objects			
	larization splitting devi					
	sic study of optical po					
			ganic light-emitting transistor using F8T2 active la	yer		
2016.3 Fa	brication and characte	rization of Si3	3N4 optical waveguide using CF4 dry etching			
2016.3 De	velopment of CAD Too	ols for Photor	nic Integrated Circuits, and Design of Functional P	hotonic		
2010.5 Cir	rcuits using Directional	Coupler				
2016.3 Fa	brication and evaluation	n of Ta2O5 ri	b type single mode optical waveguide by spin coat	ling		
2015.3 Fa	brication and Characte	rization of Lig	ght-Emitting Electrochemical Cell using MEH-PPV	1		
2015.3 Fa	brication and Evaluatio	n of Surface	Emitting Laser using an Organic Material: Coumari	n6		
De	velopment of Ultra-Fa	st Photodete	ctors using SOI Wafer and Compound Semiconduc	tor on Si		
2017/2	bstrate		-			
St St	udy on Reduction of Wa	avelength De	pendence and Enhancement of Propagation Band	of Silicon		
	tical Circuits					
		rization of the	e organic emission device using Alq3 and MEH-PP	V		
			property of PZT, PLZT on Si substrate			
Wa			rd integration with Optical Waveguide and Vertical	Injection-		
	be Si Photodetedtor					
	al theses in these 3 yea	ars (+ more if	appropriate)			
			on of Japanese thesis title)			
VEAL DOULD IN						
-	sign and Measurement	ot the Silicoi	n Slab Optical Waveguide			
2020.9 De		D –				
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2020.9 De 2020.9 St			smission to Moving Objects grated circuits on Si substrate			