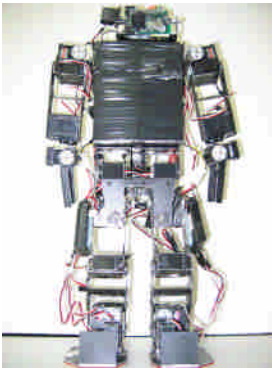


Table 1. Specifications of the humanoid robot implemented by TKU team.

Image of the robot				
Name	GOGO			
Height	49 cm			
Weight	2.5 Kg			
Walking Speed	3.3 cm/sec			
DOF	24			
Actuators		Servo Motors		
		Neck	Hands	Legs
	Manufacturer	GWS	KONDO	KONDO
	Model	NARO+F HP BB	KRS-786ICS RED VERSION	KRS-2350ICS RED VERSION
	Torque	1.7 kg/cm	8.7 kg/cm	22kg/cm
Speed	0.10sec/60°	0.17sec/60°	0.16sec/60°	
Sensors		CMOS sensor	Digital compass	
	Manufacturer	Sunplus	TOPTEAM	
	Model	SPM-171D	TDCM3	
	Resolution	160X120		
	Rate	20 frames per second		
Processing Boards		DSP Processor	NIOS Development Board	
	Manufacturer	Sunplus	ALTERA	
	Model	MC58D EC03	NIOS-EVALKIT-1C12	
	Processor	u'nsp	CycioneEP1C12F324C8	
	Speed	32.768KHz	50MHz	