Product Development of Design (MP 482).	CHRISTY VARGHESE  Blech CSE-A  ROll No. 34			
Assignment 11.				
	88.			
Questions				
1 dentify any one electronnechanical device at value analysis on it. Use at least 5 c factors.	home and perform a surfating			
Detail the organomic depects of the same possible improvements possible on it.  (3) with sketches, detail day 2 rapid protof				

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Ease to use

It is positable to anywhere and easy to share data to

aujone.

Ease of maintenance

Since it contain mechanical materials voluich are early maintainable. Space au also avoilable.

A sthetic

Its etructure and porte are user friendly which can be used by a non-technical person.

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(3) Rapro pastotyping technology employe vacious e	y gincering.					
Steam Lilliography (SLA)						
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(i) A not which can be lowered and wind 1:11	1 .00 . 1 . 1					
aqua deiglate parmer.						
lighted desiglate polymer.  (ii) Laser generating uv beam is focussed in my directions.  (iii) The beam cases the portion of whole only the						
(iv) The beam cures the portion of photo polymer solid body.	and produces a					
2000 1000,						
D'ître processes is supeared till the level b is re	achief as shown					
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TO THE TOTAL PART OF THE PART	1.0 4.5					
(vi) The dusther portion of the yelinder is shaped	till the portion					
21/8						
focusing Rotating number High speed stepper motor.						
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Platform 13						
Elevation world.						
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Fused decomposition modeling 1 A gauley robot controlled extrader head moves in two principle direction over a table. (I) Table can be raised or lowered as weeded. (B) The mo plastic or war flament is extruded through the small orifice of heated die. (iv) Instral layer placed on a foundation with a comptent sate. D'Extrada head follows a predetumined path from the file D'After first layer the table is lowered and rubs equent layers are formed. Thismoplastic or wax flament thated FPM head moves in xy plane plastic model availed in minutes Table move