



Schedule For "3D Printer (Design & Print)" course

Session	Day - 1	Day - 2	Day - 3
Morning	Introduction and theory	Demo Session:	Discussion on
			opportunities:
	Additive Manufacturing	Import the STL file in 3D	G1 '11 ' 1
	approach. 3D Printing	printer software, scale	Skills required for the field
	technology definition and specific terms,	and position object within building envelope,	for the field
	and specific terms,	set process parameters,	Opportunities for
	Advantages and limitations,	slice the model	freelancers
	3D Printing technology	3D Printing process steps	
	steps with Examples,	for 3D printing an object	
			Hands-on
	3D Printing applications	Post-processing	Session:
	fields with Examples,	operations for 3D printed objects	Opportunity to
	3D Printing equipment,	Objects	design and print
			self-developed
	3D Printing approach to		design
	build parts and assemblies,		
	STL file format		
	About the instrument	Hands-on Session:	
	Knowledge on 3D printer	3D Printing an object	Evaluation
	software	using 3D printer based	
Afternoon		on filament deposition:	
	How to design a STL file	process steps,	
	77 1 1 1	parameters, building	
	Knowledge on how to access STL models	orientation	
	repositories on internet	Opportunity to design	
	12positorios on mitoriot	and print self-developed	
	download the desired model	design	
	(theoretical and practical		
	skills)		
	How to use automated		
	software tools/commands		
	for checking STL file		

Detail about the instrument is provided on the following link:

http://crf.cens.res.in/facilities/TS-3DPrinter/

