Advance Manufacturing Shop Introduction Advance Manufacturing can be defined as the use of innovative technologies to create existing products on new products including peroduction activities that depend on information, automation, computation, software, sensing and networking. It is advantageous over conventional manufacturing processes because of aspects like: 1) Increased level of Quality
2) Boost in Pswoductivity 3) Gives way to Innovation 4) Reduced production time with Digital Manufacturing Examples of products made using this manufacturing include electric vehicles, robotics & others.

	Labs
	In collaboration with Tata Technologies Limited, the following five labs have been established:
1)	AND POLICE PERMITABLE AND
2)	Tear Down and Bench Marking Mechatronics
3)	MES / TOT
5)	Tata Visualization Centre Advance Manufacturing Lab
	TEAR DOWN AND BENCH MARKING
	lear-down means an already assembled part
	part level or any engine component needs
	of the engine needs to be torn down to a part level or any engine component needs to be disassembled from a completed or incompleted version.
Z.	MECHATRONICS Mechatronics can be defend as the food of
	Mechatronics can be defined as the field of engineering that involves both, mechanical as well as electrical engineering.
	as well as electrical engineering.
3.	MES / IOT
1	MES stands for - Manufacturing Execution System
4	MES stands for - Manufacturing Execution System shereas IOT stands for - Internet of Things

4.	TATA VISUALISATION CENTRE
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1130	First and suff promoted by the bottomic
5.	ADVANCE MANUFACTURING LAB
	Advance Manufacturing hat is the place where advance manufacturing processes take place.
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	A TERR THERE BENCH MARKING
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	Literary of many Modern months as at

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	Advance Manufacturing Lab
	The Advance Manufacturing lat has the following machines:
1)	Laser Cutting Machine
2)	Pick and Place Robots
/	3-D Pointer
	MIG Welding Robot
5)	
6)	CNC Milling
7)	CNC Router Machine