	TLIESDAY, CLSSIGNMENT-4. PARTH JOHRI 2K20/B17/33
	THE COUNTY AND THE COUNTY OF T
	1) Upsetting - Process of Increasing thickness of the cross section of metal
5	are down length of motal us increased
	2) Drawing down-Length of metal is increased
	3) Setting down - Used to change the roundness of a corner for making square by using the set hammer.
A A A	4) Bending -
	5) autting - Done by using hot and cold types of chisels · Cold cutting - thin flat or round Sections
	6) Punching and drifting-holes of different Size and
	6) Punching and drifting—holes of different Size and Shape 7) Fullering—Length of work piece is an creased at cost of Jits width.
	TOP fulley
	Bottom fuller
	Anvil->2 Softom filler
P	

WELDING 2K20/B17/33 Smore pieces of same metal are heated together with external pressure so that they can act as a single piece. That is used for profection of heated metal from exidation Process of heating material expto critical temperat · Unperove peroperties like relieue Internaletses, softening the metal NORMALISING 6 temp of 50°C and ·Heating material at a certain then I cool them in air. · To remove internal stress, refine the Stell structure improve tensile star strength and ductility HARDSNING Process of heating material at temp about 30-50°C about critical temp and then cooling at Suddenly an liquid. ·Sudden Cooling - guenching · Improve toughness, strength, ductility and elabticity process. TEMPERING · Smprove toughness, reduce internal atress peroduced chaling previous heating, make metal metal shock resil stomce

·Bar stock as cut, cut bar is vent to die · Forge the Shape in first die. Second die 6 further shape the part IMPRESSION DIE FORGING CLOSED DIE FORGING ·Deformation of metal at jorging temp. with one or more de empressions · Performed within precesand hammer Into layer called flash flows out between the

Spilor.