4. No Autocorrelation blu the vis:

This postulates that the random error terms are not correlated. ie, the random term of different observations (vi & vj) are independent to each other But no relation to each other.

ie, E(Vi) =0 & E(Vj) =0

5 Zero co-variance blu vif xo.uk

variatien and 5 mon term vi are not correlated

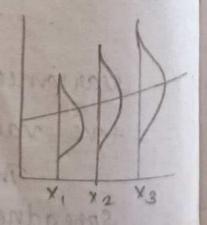
ie, cov (vi, xi) = 0.

6. The variable vi has a normal distribution:

The value of vi lor

each xi is bell shaped system Symmetrical den about zero

ie, the vi ronges blu the



The estimated relationship is,  $\frac{1}{\sqrt{1}} = \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac{1}{2} + \frac{1}{2} \times \frac$ The estimated regression line ( $\hat{\gamma}_i$ ) is the estimated value of y; with given specified value of x.  $\hat{\gamma}_i = \text{Estimated value of } \gamma_i$ B, = Estimate of line intercept B, B<sub>2</sub> = Estimate of the Garameter B<sub>2</sub>.

Notes are Garameter B<sub>2</sub>.

Vice William at a of 115 random term U'i.

Preview page The time & estimated negression lines are shown in the Ligiure below.

Shimated line.

Time Registion line.

William Vision and Vis exoperties of an estimator (Bras).