\* Unit - 3: Theories of Money Supply.

· Determination of money supply

-> 2 alternate theories of determination of money supply.

first view Second view

(Money supply is determined by Central bank by changes in eco.

activities

o Other approach to determine money supply

→ Money multiplier by Milton friedman & Anna
approach
Schwartz (1963)

According to this approch, the total supply of nominal money in economy is determined by joint behaviour of central bank, Commercial banks and public

-> According to this approach, 3 factors are more supply:

(a) Stock of high powered money (H)

(b) Reserve Ratio  $z \left(r = \frac{R}{D}\right)$ 

(c) Currency - Deposit ratio  $(c = \frac{C}{D})$ 

(d) The Behaviour of Central bank The total supply of nominal money in the eco will wary directly with the supply of nominal high powered money issued by the central bank. (b) Behaviour of Commercial Banks. - It is reflected by reserve ratio Reserve ratio Minoney Supply & Money multiplier & o Excess Reserves - Total reserve - SLR-CRR R Required Reserves -> SLR, CRR \* The banking systems excess reserve ratio is negatively related to market int. rate. (c) The Behaviour of Public > reflected by CDR (measure of proportion of currency held by public in relation to demand deposits in banks)

CDR Money Supply & Money multiplier & L CDR Money Supply A Money multiplier A > When bank deposits are being converted into currency, banks will be able to create only less credit money & vice verca. → Time deposit - Demand deposit rutio shows how much money is kept as time deposits compared to demand deposits. Time deposit Demand deposit ratio = ID → TD 1 Money multiplier 1

DD & vice Vercei - Other formulae m = 1+c whre c = c pr= <u>Reserve</u> D If there are excen reserves then  $m = 1+c \times H = excen reserve$  r+c+e ratio

ratro

H = High powerd

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Effect of govl. expenditure on Money Supply.	
whenever Central bank and state govt. Cash balances fall short of min. requirement, they are eligible to avail the facility called ways 2 means Advances.	
generation of excess reserves (i.e. Excess balance	)
of commercial banks with RBI)	
At All the record with	
-> Govt. incurs expenditure -> Govt. balances &	
with RBI debited	
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
(realiting the receiver (for eg salary and banks -	<b>→</b>
Eacen reserve	
I miles with me. Took by with ord I specified the	
Construction of the contract o	
- The credit multiplier or deposit multiplier or	
of additional money created by commercial	le
bank through the process of lending the available money, if has excess of central banks reserve	
money, if has excess of contract	
requirements.	
-> Credit multiplier = Required reserve ratio	