### CLOUD ESSENTIAL (NAAN MUDHALVAN)

#### **DONE BY:**

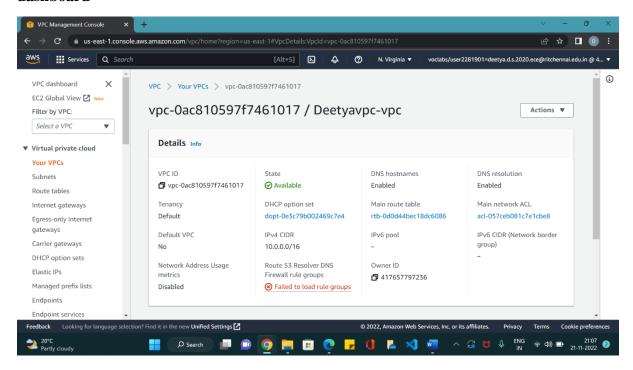
D.S. DEETYA

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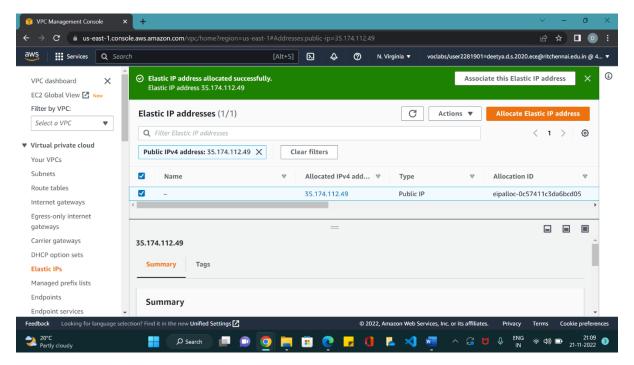
ECE DEPARTMENT

III YEAR RIT

## I.Create an Amazon VPC using the VPC wizard, and it should be displayed on the dashboard

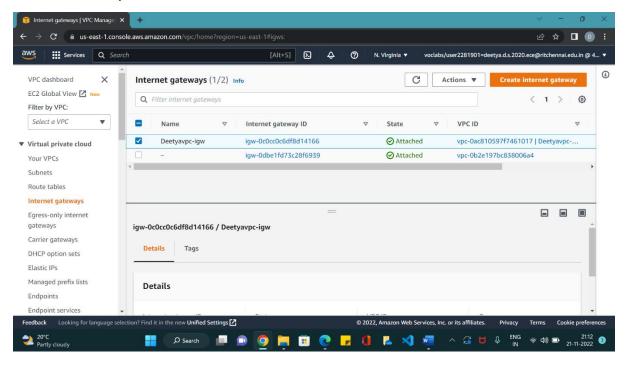


### II. Associate an Elastic IP address with it

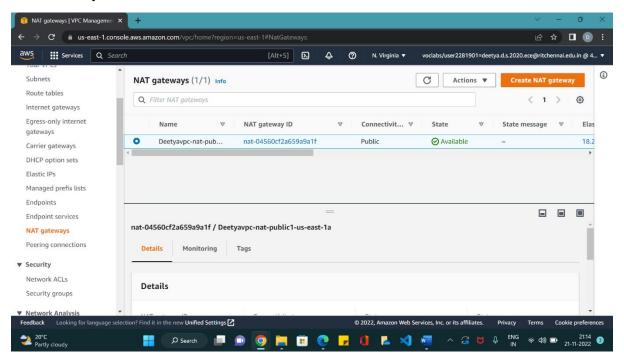


# III. Explore various resources of VPC such as Internet Gateway, NAT Gateway, Subnets, Security Groups

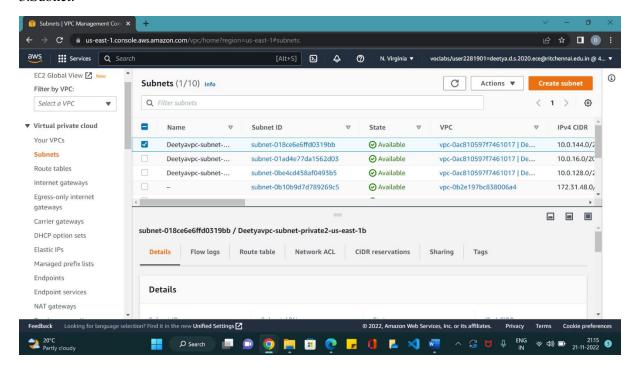
## 1.Internet Gateway:



#### 2.Nat Gateway:

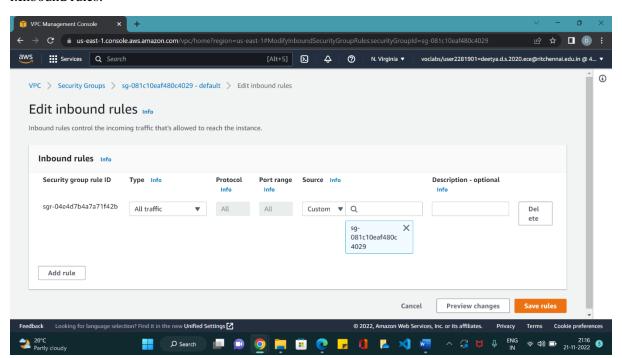


#### 3.Subnet:

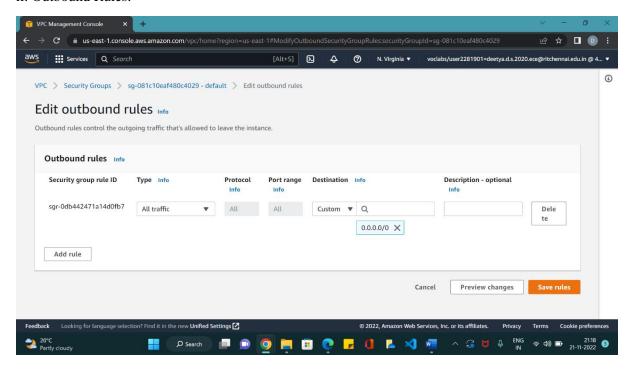


### 4. Security Groups:

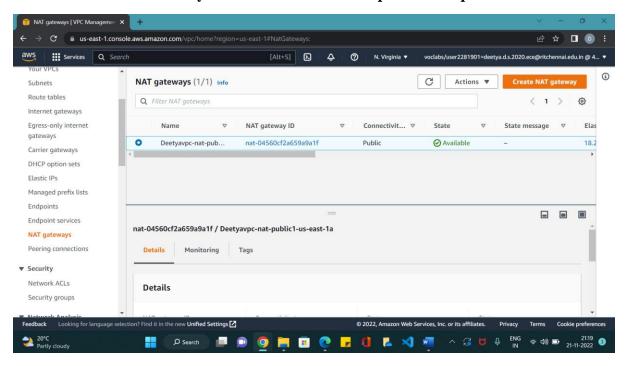
#### i.Inbound rules:



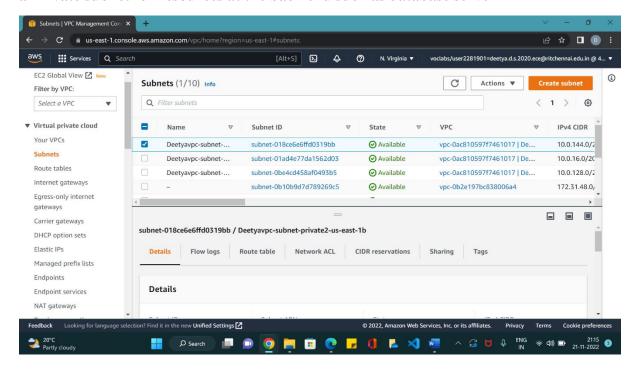
#### ii. Outbound Rules:



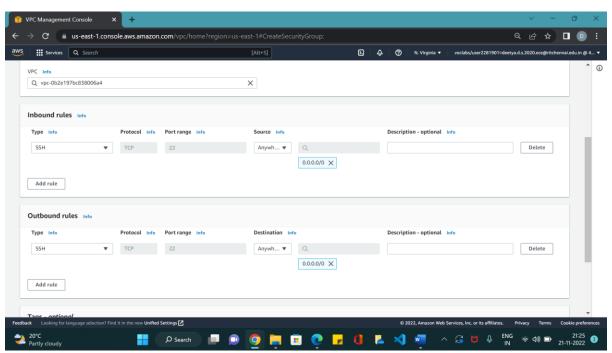
## IV. Launch a NAT Gateway so that internet access is provided to private resources

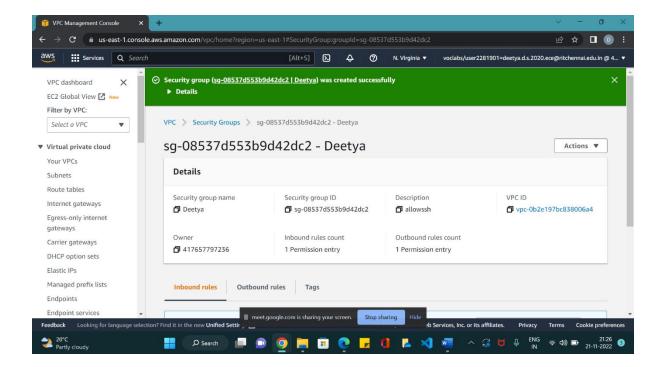


V. Introduce a Public subnet for resources facing the internet such as a web server and a Private subnet for resources at the back end such as database server

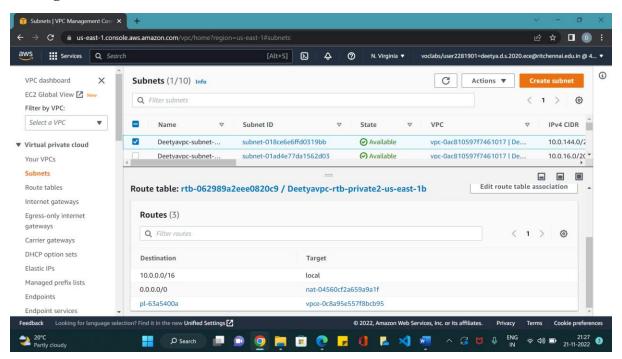


VI. Define security groups with appropriate inbound rules





## VII. Ensure proper routes and corresponding Route tables entries specifying the traffic moving out of the subnet



# $\label{eq:VIII.} \textbf{Make use of Network ACLs for controlling inbound and outbound traffic in the VPC}$

