

## **Department of Electronics & Telecommunication Engineering**

CLASS: T.E.08 E&TE SUBJECT: DIP

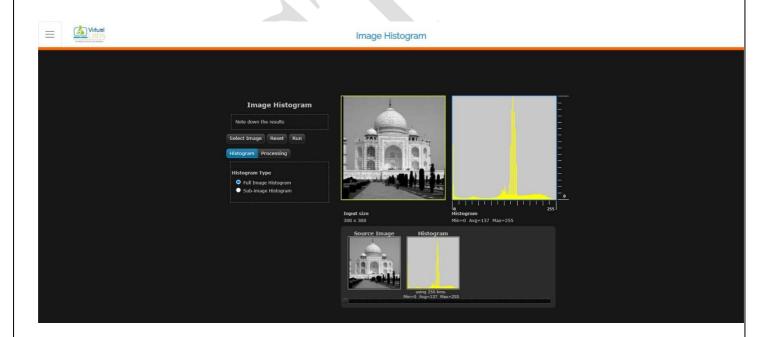
**Roll No:** 

EXPT. NO.: Virtual lab 1 DATE:

TITLE : USE VIRTUAL LAB AND PERFORM IMAGE HISTOGRAM

(Link of virtual lab: <a href="https://www.vlab.co.in/participating-institute-iiit-hyderabad">https://www.vlab.co.in/participating-institute-iiit-hyderabad</a>)

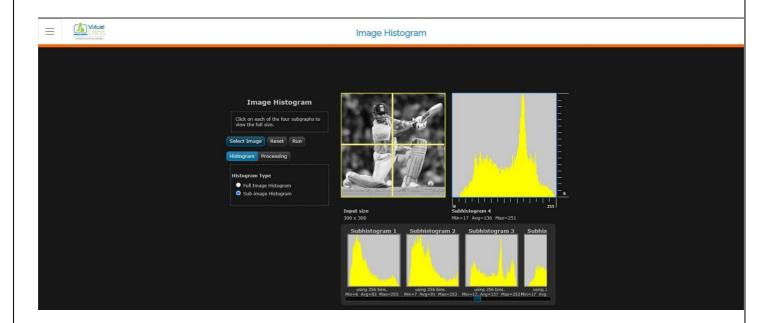
### 1. Full Image Histogram:





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### 2. Sub-Image Histogram



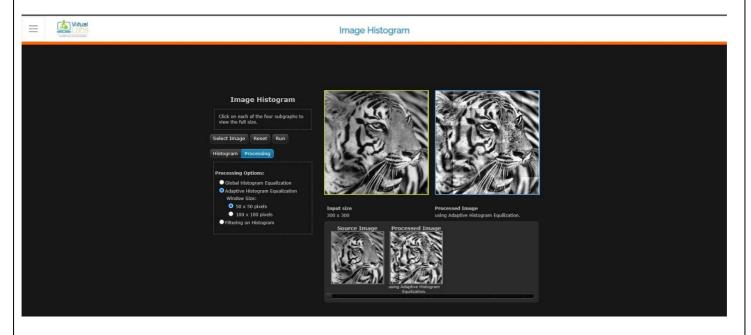
### 3. Global Histogram Equalization

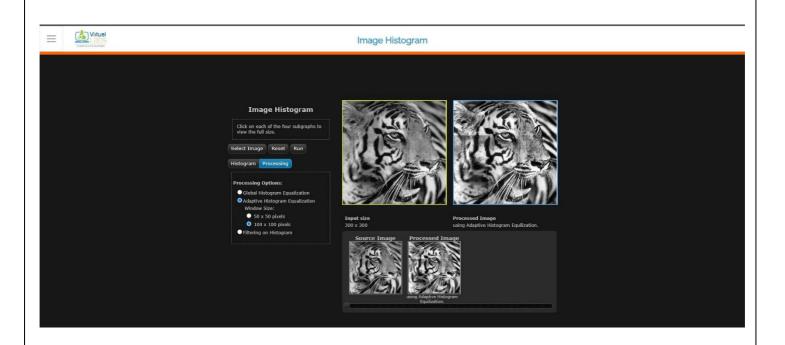




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## 4. Adaptive Histogram Equalization

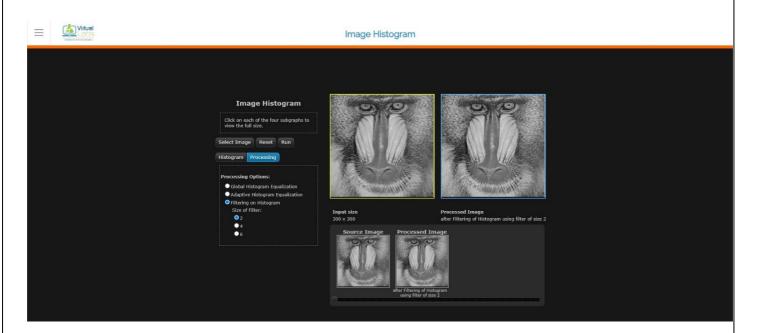




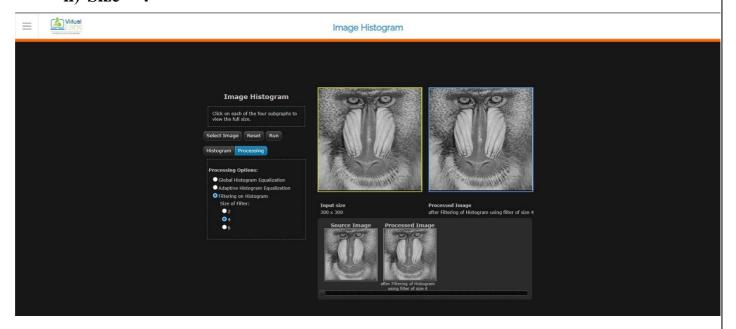
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### 5. Filtering on Histogram

i) Size = 2



ii) Size = 4





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### iii)Size = 6

