

ANALYTICS & SYSTEMS OF BIG DATA

CS5002 – Theory (4 credits);

CS5004– Practice (2 credits)

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•I Major Components of the Course:

A. Descriptive Analytics

B. Predictive Analytics

C. Systems / Storage for Efficient Analytics

•II Alternate view

1. Descriptive (what part of data),

2. Diagnostic (why for the what above)

3. Predictive (what likely to occur in future..)

4. Prescriptive (suggest future actions to avoid / reach states.)

•Course will take the first view with 2 & 4 of II = A & B

•Practice course / Implementation based assignments -Python

•[may be R for Descriptive – based on your choice]

CS5002 ANALYTICS & SYSTEMS OF BIG DATA

T – Theory (4 credits) ; P – Practice (2 credits)

• Evaluation Strategy

THEORY (CS5002):

• 1. Mid Semester	-30
• 2. End Semester	-50
• 3. Tutorials/Assignments	-10
• 4. Course Project	-10
• Total	100

LAB PRACTICE (CS5004):

• 1. Mid Semester	-20 - 30
• 2. Continuous Assessment	-20
• 3. End Semester	-40 - 50
• 4. Course Project	-10
Total	100