Welcome to **CS523 : Big Data Technology** course!

Myself, Mrudula Mukadam and I'll be guiding you in your next learning experience.

Our course starts from *Monday, 2-Sept-2019* and will finish with a final exam on *Thursday, 26-Sept-2019*.

Classroom
Our classroom is McLaughlin-113.
Please make sure that on the first day you reach the classroom at 9:45 am. We'll start early that day.

Your Laptop
You MUST bring your laptop on Monday if you are planning to do the labs and projects on your own machine and not planning to use the lab machines for this purpose. But remember that your laptop will be useful to you ONLY if it has at least 8GB RAM! (The more the better!)

Also, if you've a pen drive (USB flash drive) then please bring it along with you on the first day.

Text Book
Hadoop: The Definitive Guide 4th edition by Tom White
Text book is optional, but this book will serve as a very good reference, so you can plan to have it.
Other supporting books are listed on Sakai course page.

Prerequisite
Please plan to prepare yourself to work in LINUX environment (CentOS). Some basic familiarity with bash commands is necessary for this course. If CentOS is completely new to you then I would recommend that you watch some videos online to make yourself more comfortable with it.
Also, watch this video to know more about Virtual Machines vs Docker Containers.

GSAs
I'm planning to have a couple of GSAs for our class. If you are interested and feel that you'll be able to successfully complete the duties and responsibilities of being a GSA (listed towards the end of this email) then please send me an email with some basic information like all the prior courses you've taken here at MUM, grades received in those, previous knowledge of Big Data area and any experience of working as a GSA/TA. If possible, also attach your resume.

That's about it! See you soon! ☺

Best,
Mrudula

GSA Duties

1) GSA will need to grade assignments and labs as quickly and efficiently as possible. I like to give feedback to the students about their work as early as possible.
2) GSA will need to help students understand the lesson materials and homework if they've any trouble in that.
3) GSA is responsible to keep daily attendance for the class.
4) GSA should understand that they are representing the faculty, and thus need to meet good dress and behavior standards.
5) GSA should be able and committed to being on a good schedule during the class as an example for other students.
6) GSA is responsible for putting the main points charts on the wall every day and classroom cleanup activities at the end of the course.