Course Title: Data Science	e Fundamentals		
Course code:	No. of credits: 2	L-T-P: 20-10-0	Learning hours: 30
L: Lectures; T: Tutorials; P: Practica			
Pre-requisite course code	e and title (if any): N	None	
Department: Natural and	Applied Sciences		
Course coordinator:		Course instructor:	
Contact details:	10 76		
Course type: Core		Course offered in: Semester 1	
understanding on what com of <i>data analysis with data</i> j deals with data transforma decision making. The com limitations of classical sta data science is different fr all of them being interrelat ability to overcome data co techniques where a data sci	stitutes data science. brocessing methods a ation leading to under urse develops an un tistics through data om statistics, machin ed. The course introc omplexity and the lin ientist deals simultant	The course gives pren and domain expertise, erstandable and action derstanding to overce science. It develops a le learning, computer luces the students on a mitations of classical leously with heteroge	ce and develops a conceptual mise of not only the composites cultivates data science but also nable knowledge for informed ome data complexity and the a wider understanding on how science, data analytics despite how Data Science develops the statistics and machine learning neous data sources coping with istributions. The students get a
complete understanding of	Data Sciences broad	ler scope and arena a	nd its associated elements.
<ul> <li>Course objectives</li> <li>To develop broader</li> <li>To understand how</li> </ul>			based conventional disciplines.

 To understand the basic components of Data Science what essentials cultivate a data scientist with introductory functions of data science and data scientists