

DETAILS OF LAB			
SL.NO	NAME OF THE LAB	Faculty	DESCRIPTION ABOUT LAB
1	Material Testing Lab I	Reni Kuruvila	
2	Material Testing Lab II	Gokul P V	Material testing lab is used to perform destructive testing as well as non destructive testing of of different kind of materials and make the students to get the experience the mechanical characteristics of sample materials
3	Geotechnical Engineering Lab	Silpa Caroline	Geotechnical engineering laboratory helps the students in identifying the engineering behaviour of geomaterials -soils and rocks. There are different physical, chemical and geotechnical properties determined in the laboratory that is required for designing the type of foundations, earthworks such as dams, embankments, tunnels, reservoirs etc .
4	Surveying Lab	Anju Raju	The Surveying Lab is well equipped with all the required instruments and tools that are helpful in the overall understanding and practical knowledge of a student.Students learn techniques for gathering field data with both traditional and modern instruments. Students have the opportunity to use total station equipment, which enables horizontal, vertical and angular measurements to be made in one operation.
5	Transportation Engineering Lab	Ameena M Ansari	Transportation Engineering lab is equipped with the apparatus to determine the properties of aggregate and bitumen. The students will be able to determine the toughness properties ,hardness and resistance to wear and tear of aggregates. The softening point, ductility properties, viscosity and flash and fire point of the bitumen can be determined using the apparatus in the lab
6	Environmental Lab	Amrutha Raman	This laboratory has been designed for students in civil engineering graduate session,introducing the analysis of physical as well as chemical parameters of water and its suitability for drinking. Also it includes the methodology to study the characteristics of waste water and highlights the many aspects of waste water treatment requirements
7	Civil Workshop	Richu George Varghese	The course is designed to train the students to identify and manage the tools, materials and methods required to execute an engineering project. Students will be introduced to a team working environment where they develop the necessary skills for planning, preparing and executing an engineering project. To enable the student to familiarize various tools, measuring devices, practices and different methods of manufacturing processes employed in industry for fabricating

			components.To inculcate the essentials of Civil Engineering field to the students of all branches of Engineering
8	Computer application Lab	Sreerench Raghavu	As digitilisation takes a supreme role in construction industry, it is very essential to gain hands on experience in most modern softwares. This lab provides a true insight on the using the following softwares such as AUTOCAD, STAAD PRO, ETABS , PRIMAVERA , ANSYS.