**CHAPTER** 1

**Comment [b20]:** 14 Font Bold; Center Aligned; start from top of the page.

**INTRODUCTION**

**Comment [b21]:** 16 Font Bold; Center Aligned

* 1. **1.1 Preamble**

**Comment [b22]:** 14 Font Bold.

In recent years the generation of waste and by-product materials from industries is so large that all countries are facing a shortage of dumping space. In developing country like India, where land to population ratio is too small it is not possible to get dumping areas. One of the materials is stone dust; a product produced from the stone crushing industries. The disposal off this waste powder has become a severe problem for the whole dimensional stone industry. According to (Soosan et al., 2005) 200 million tons of stone dust is being generated every year in India.(Chandra and Choudhary, 2013) reported that approximately 10 million tons per year stone dust is generated from granite and marble industries alone from Rajasthan state of India. Stone dust has widespread availability in several states of India with estimated reserves of over 5000 million m3 and also it is estimated that there are over 12000 stone crusher units in India, and the number is growing in view of future infrastructure projects (Kandolkar and Mandal, 2015).

**Comment [b23]:** 12 Font; Justified

* 1. **1.2 Motivation**

…………………………………………………………………………………………..

…………………………………………………………………………………………...

**1.3 Aim**

**Comment [b24]:** 14 Font Bold.

* **………………………………………………………………………………………**

**……………………………………………………………………………………….**

**1.4 Objectives**

* **……………………………………………………………………..**
* **……………………………………………………………………..**
* **……………………………………………………………………..**

**1.5 Organization of Report**

**Comment: [b25]:** 14 Font Bold

Chapter one contains the introduction of the dissertation work. It includes general introduction to the materials i.e., stone dust, EPS geofoam, EPS beads and controlled low strength material used in the experimental study. Chapter two present literature of previous studies and researches on EPS geofoam, EPS beads, stone dust and controlled low strength material on the basis of which the aims and objectives are set.