

## **Asha B.**

Research Scholar,  
BTCM Division,  
Department of Civil Engineering,  
Indian Institute of Technology, Madras.  
Email: ashaabhilash@hotmail.com



### **Educational Qualifications:**

<b>Degree</b>	<b>Specialization</b>	<b>Board / University</b>	<b>Year</b>
Ph. D	Building Materials	Indian Institute of Technology, Madras	Jul 2019-till date
M. Tech	Structural Engineering	College of Engineering, Trivandrum, Kerala	2004
B. Tech	Civil Engineering	T.K.M. College of Engineering, Kollam, Kerala	2000

### **Work Experience:**

Government Engineering College, Thrissur, Kerala	Assistant Professor	Aug 2007 – Jul 2019
Government Engineering College, Calicut, Kerala	Assistant Professor	Jan 2007 – Jul 2007
Public Works Department, Government of Kerala	Assistant Engineer	Oct 2006 – Jan 2007
CUSAT, Kochi, Kerala	Assistant Professor	Oct 2005 – Sep 2006

### **Relevant Coursework:**

Characterization of Construction Materials (CE5950), Modern Construction Materials (CE5010), Cement Chemistry (CE6040), Admixtures and Special Concretes (CE5115), Maintenance and Rehabilitation of Structures (CE5120), Sustainable Construction (CE5014)

### **Research projects:**

#### **Utilisation of low-grade limestone in concrete** (Currently working)

Limestone is an essential raw material for cement industry. The cement-grade limestone (CaO – 42%) resources are depleting day by day and hence there is a need to utilize the existing low-grade limestone with proper beneficiation to meet the present specification and demand of cement industry. The options of beneficiation of low-grade limestone and/or blending with cements can be explored for a sustainable development of construction industry.

**Softwares worked with:**

AutoCAD, STAAD Pro V8i, MS Excel

**Personal Details:**

Date of Birth	20 <sup>th</sup> May, 1979
Languages known	English, Hindi, Malayalam
Correspondence address:	BSB 209, Department of Civil Engineering, IIT Madras, Chennai, TN. 600036