

**ATHIRA HARIDAS**

Phone : 7506496977/8779292963

Email : [athiraharidas90@gmail.com](mailto:athiraharidas90@gmail.com)

---

**CAREER OBJECTIVE:-**

To associate with a prestigious institution where I could utilize my skills and knowledge for the betterment of the institution.

**ACADEMIC PROFILE :-**

Specialization	Institution	Board/ University	Year of Passing	Percentage
ME(Structural)	Datta Meghe college of Engineering, Airoli, Navi Mumbai	Mumbai University	Pursuing (synopsis submitted)	Sem1 (SGPA)- 7.52 Sem 2- 8.67
B TECH Civil Engg	Sree Buddha College of Engineering, Pattoor, Alappuzha (SBCE)	Kerala University	2013	CGPA - 7.7
AISSCE	Chinmaya Vidyalaya, Kottayam, Kerala	CBSE, New Delhi	2008	78%
AISSE	Chinmaya Vidyalaya, Kottayam, Kerala	CBSE, New Delhi	2006	83%

**EXPERIENCE:**

- Worked as an Assistant Professor in College of Engineering, Kidangoor(Under the Co-operative Academy of Professional Education, Estd. By Govt. of Kerala) Kottayam, Kerala from 13 Aug 2013 to 31 Mar 2014.

Subjects taken: Transportation engineering I & II (Theory & lab),  
Fire safety Management.

- Worked as QS and Billing engineer in Capacite infra projects ltd from May 2015 to June 2017.  
Job Profile: Quantity Estimation, BBS, subcontractor & Client billing.

### **AREAS OF SPECIALIZATION:-**

STAAD PRO, AUTOCAD, ETABS, ANSYS Software(basics), MS Office, MS Word, MS Excel.

### **SEMINAR PRESENTED:-**

#### **BLAST RESISTANT STRUCTURES USING GFRP**

Petro chemical Industries are more prone to blasting due to internal damage or terrorist attack. GFRP is the glass fibre reinforced polymer made of glass fibre and epoxy resins. From the study it is found that Glass Fibre Reinforced Polymer is the most efficient FRP which have very high fire resistant property for developing blast resistant structures. GFRP are provided as rods, laminates and sheets.. GFRP will not catch fire and its matrix will not melt also.

### **PROJECT PRESENTED :-**

#### **APPLICATION OF BIOCOAGULANTS IN DAIRY WASTE WATER TREATMENT**

In my project selected different biocoagulants such as chitosan , mango pit, muringa olifera ,jatropa curcus and conventional coagulant alum. From the jar test conducted it is obtained that CHITOSAN is the most efficient coagulant in dairy waste water treatment for removing turbidity by more than 95%.By analyzing this results a new Effluent Treatment Plant was designed which eliminate all the disadvantages of conventional treatment plant. The new ETP consist of screen ,clariflocculator ,tricking filter.

### **SEMINAR AND WORKSHOPS ATTENDED :-**

- Webinar attended: Mumbai metroline 2A
- National Seminar on **Sustainable Development ,Rehabilitation and Modern Construction Materials & Methods** held at SBCE, Pattoor.
- National Seminar on **Energy secure kerala –Role of Renewables** held at SBCE Pattoor.

### **PAPER PRESENTED:**

- Presented paper Titled “ **Seismic Behaviour Of High Rise Building With Composite Shear Wall : An Overview**” in an International Conference conducted in Govt College Of Engineering Kozhikodu, Kerala in 2021.

- Presented paper (poster) Titled “ **Seismic Performance Of Shear Wall With Shape Memory Alloy: A Review**” in Conference conducted in Pillai College Of Engineering , Navi Mumbai in 2021.

#### **PAPER PUBLISHED:**

- Athira Haridas, Dr. S.A. Rasal, Seismic Behaviour of High Rise Building with Composite Shear Wall: An Overview (May 31, 2021). SSRN: <https://ssrn.com/abstract=3856957> or <http://dx.doi.org/10.2139/ssrn.3856957>
- Athira Haridas, Dr. S.A. Rasal, Seismic Behaviour of High Rise Building with Composite Shear Wall, IJIRT 154476 © April 2022 | IJIRT | Volume 8 Issue 11 | ISSN: 2349-6002

#### **ACHIEVEMENTS:-**

- Executive member of CASTELLOS (Technical Association of Civil Engg. Dept. SBCE)
- Student Editor of BODDHI( SBCE news Letter).
- Participated in CBSE youth festival in Painting and secured several grade points
- Secured prizes in arts and sports competitions at school level.

#### **PERSONAL INFORMATION :-**

Name	: ATHIRA HARIDAS
Date of Birth	: 2 <sup>nd</sup> December 1990
Nationality	: Indian
Father's Name	: Haridasan Nair
Spouse Name	: Sumith S
Present Address	: D153, Raghunath Vihar AWHO, Sector 14, Kharghar, Navi Mumbai, Maharashtra. 410210

#### **Declaration:-**

I Athira Haridas hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Place:** Kharghar  
**Date:** 20/05/2022

**ATHIRA HARIDAS**