



# Frontier Lifeline Hospital

A unit of Dr. K.M. Cherian Heart Foundation  
in Association with Frontier Mediville

## Skill Development Projects / Biotechnology

Frontier Mediville (India's first Medical SEZ) is pleased to launch one of a kind skill development program for Life Science candidates.

### Areas of Research

#### Stem cells

- ✓ Isolation and Expansion of Mesenchymal stem cells
- ✓ Differentiation of Mesenchymal stem cells

#### Molecular Biology

- ✓ Conventional and Real time PCR
- ✓ Western blotting

#### Tissue engineering and Regenerative Medicine

- ✓ Development and Characterization of Biological scaffolds
- ✓ In-vitro and In-vivo assessment of the Biological scaffolds

#### Nanotechnology

- ✓ Development of Bioengineered Scaffold for Medical applications

#### Herbal Sciences

- ✓ Isolation and Characterization of novel bioactive compounds from plants.

#### Cancer Research

- ✓ In-vitro Assessment of plant derived compounds and synthetic pharmacological compounds in various cancer cells.

#### Eligibility

B.Sc , B.Pharm, B.Tech, M.Sc, M.Tech, Ph.D Scholars ( Life science stream)

**Period** : Throughout the year

#### Contact Details:

#### **Dr. Nithya.R**

Senior Research Scientist

#### **Frontier Lifeline Hospital**

R30-C, Ambattur Industrial Estate Road, Chennai - 600101.

Ph : 044 -4201 7575 - Extn : 105

e-mail id : [researchscientist@frontierlifeline.com](mailto:researchscientist@frontierlifeline.com)

Website : [www.frontierlifeline.com](http://www.frontierlifeline.com), [www.frontiermediville.com](http://www.frontiermediville.com)