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## Educational Attainment

### Ph.D (Pursing)

**“Electroactive Nanofibrous Scaffold By Electrospinning: Physico-chemical characterization and cell biology assay”**, Indian Institute of Technology, Kharagpur, India

**M.Tech in Biomedical Engineering** (2014-16)  
Vellore Institute of Technology, Vellore

**B.Tech in Biomedical Engineering** (2010-14)  
Pondicherry University

## Research Experience

### Indian Institute of Technology – Kharagpur, India

#### Ph.D. Student (2016-Present)

**Biomaterial and Tissue Engineering Lab, School of medical science and technology, IIT KGP.**

Working in the area of Stem cell based regeneration and it's *in vitro* study in micro environment. I am working in Electrospinning to fabricate conductive based nanofiber scaffold as a platform with electrical stimulus for Stem cell study. Also working on Micro channel based bioreactor for *in vitro* cultivation in closed environment.

### Biomedical Instrumentation Unit, CSIR-CSIO, Chandigarh, India

#### M.Tech Trainee (2015-2016)

As a part of my M.Tech thesis, I worked on the ‘Design of Tremble Restraint System for Robotic Surgery Applications’. MEMS accelerometer and NI LabVIEW was used to acquired data and restrain the tremor signals using signal processing technique.

## Achievements

- Achieved Science and Engineering Research Board (SERB) **financial grant** to attend International scientific event **"2022 TERMIS-AM , USA (10 July, 2022 to 13 July, 2022)"**

## Personal Trivia

Date of Birth	:	1 <sup>th</sup> October, 1992
Nationality	:	Indian
Languages cognized	:	English (Fluent) & French (Learner), Telugu, Malayalam, Tamil, Hindi.
Hobbies	:	Dance (Bharatnatyam), Drawing (Portrait).