

# Varini Chinnabhandar

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## Career Objective

I look forward to working in a positive goal-oriented work environment, where I can project innovative ideas, gain novel knowledge and put my skills as a biomedical engineer into best use for the betterment of the organization and self-growth.

## Education

BACHELOR OF ENGINEERING | ACS COLLEGE OF ENGINEERING, BANGALORE, INDIA

- Major: Biomedical Engineering

PRE-UNIVERSITY | VIJAYA COMPOSITE PRE-UNIVERSITY COLLEGE, BANGALORE, INDIA

HIGH SCHOOL | CARMEL CONVENT HIGH SCHOOL, BANGALORE, INDIA

## Skills & Abilities

### TECHNICAL

- MATLAB
- Basic C & C++ Programming
- Keil
- Xylinx
- Microsoft Office

### NON-TECHNICAL

- Communication
- Leadership
- Time Management
- Teamwork
- Creative Thinking

## Publications

Title: Evaluation Performance of GLCM and Pixel Intensity Matrix for Liver Cirrhosis

Publication: International Journal of Advance Networking and Applications (IJANA)

Date: November 2017

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## Academic Projects

White Belt – Obstacle Detection Belt for Blind Assistance

## Paper Presentations

1. Title: Automatic Screening Method for Bone Health Diagnosis  
Date: October 2017
2. Title: White Belt – Obstacle Detection Belt for Blind Assistance  
Date: September 2017
3. Title: Non-Invasive Activation of Live Muscle Tissue by Optogenetic Control  
Date: May 2017
4. Title: Early Detection Method for Liver Cirrhosis – Breath Printing  
Date: March 2017
5. Title: Evaluation Performance of GLCM and Pixel Intensity Matrix for Liver Cirrhosis  
Date: November 2016
6. Title: Cardiac Optogenetics for Cardiac Pacing and Resynchronisation  
Date: October 2016

## Courses and Certifications

- Completed Course in 3D Bio-printing taught by Wollongong University through Future Learn
- Completed Course in Robotics Training and Certified by Internshala

## Workshops

- Participated in 'MedZEST 2017 – A Forum for Hands On Training and Quality Control of Medical Equipment' at Dr.NGP Institute of Technology, Coimbatore, Tamil Nadu
- Participated in a two-day workshop on 'Research Methodology' at ACS College of Engineering, Bangalore, Karnataka
- Participated in a two-day workshop on 'Open Hardware Prototyping' at ACS College of Engineering, Bangalore, Karnataka
- Participated in a two-day workshop on 'Electrobionics' at Christ University, Bangalore, Karnataka
- Participated in a one-day workshop on 'Network Simulators 2' at ACS College of Engineering, Bangalore, Karnataka



## Extra-Curricular Activities

- Participated in a Personal Effectiveness Program by CSIA at ACS College of Engineering, Bangalore, Karnataka (February, 2015)
- Participated in the Inter-Collegiate Climate Science Quiz at IISC, Bangalore, Karnataka (September 2016)
- Coordinated Circuit Debugging event at National Technical Symposium 'CLONELECTRIC' at ACS College of Engineering, Bangalore, Karnataka (October 2015)
- Overall Coordinator for National Technical Symposium 'NEUROTECHNBLITZ' at ACS College of Engineering, Bangalore, Karnataka (October 2016)
- Participated in the National Conference on Biomedical Signal and Image Processing (NCBSI) at ACS College of Engineering, Bangalore, Karnataka (November 2016)
- Secretary for National Technical Symposium 'YANTRA-VEDANTA' at ACS College of Engineering, Bangalore, Karnataka (September 2017)
- Secured 2<sup>nd</sup> Place in Basketball during the Annual Sports Meet at ACS College of Engineering, Bangalore, Karnataka (March 2016)
- Secured 3<sup>rd</sup> Place in Solo Singing during the Annual Cultural Fest at ACS College of Engineering, Bangalore, Karnataka (April 2016)
- Secured 2<sup>nd</sup> Place in Group Singing during the Chairman's Trophy Inter-Collegiate Cultural Fest at Rajarajeshwari Dental College & Hospital, Bangalore, Karnataka (September 2017)
- Participated in the 17<sup>th</sup> VTU Youth Festival 'YUVA KALANJALI' at Sir. M. Visvesvaraya Institute of Technology, Bangalore, Karnataka (March 2017)

## Personal Details

Date of Birth: 15 June 1996

Age: 21

Languages: English, Kannada, Hindi

Bangalore

Date: - -2017

I hereby declare that the statements furnished above are true and correct to the best of my knowledge. I undertake to inform you of any changes therein immediately. In case any of the above information is found to be untrue or misleading, I am aware that I may be held liable for it.

