



**MANOJ K**

**B.E. Biomedical Engineering**

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📍 2/473, Teachers colony, Chinniyampalayam, Coimbatore - 641062

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### **CAREER OBJECTIVE:**

To be able to work and advance my career as a biomedical engineer in a reliable company where I could show off my knowledge of biomedical products. My effort and commitment to the job will aid in the accomplishment of the company's aims and objectives.

### **SOFTWARE PROFICIENCY:**

- MS Office
- Python Programming
- Database management system

### **CERTIFICATIONS:**

- Done a certified course on “**Defibrillator/Pacemaker**” by ‘**Fluke biomedical**’ in July 2021.
- Completed a certified course on “**TCS ION Career Edge Young Professional**” by ‘**TCS ION**’ in July 2021
- Got a certificate on “**Conference Meeting of Mini Project**” in September 2021.
- Completed a certified course on “**Signal Processing in MATLAB**” in January 2022.
- Done a certified course on” **DEEPAM HOSPITAL**” in January 2022.

### **AREAS OF INTEREST:**

- Biomedical instrumentation.
- Medical Imaging.

### **PROJECTS UNDERTAKEN:**

- Done a 6 - month project titled ‘**HAND GESTURE CONTROLLED WHEELCHAIR**’, they can control the wheel chair by using hand gesture. This helps handicapped people who do not have the ability to wheel chair by themselves. These include people with serious paralytic condition.
- Completed a 6 - month project titled ‘**HAND GESTURE CONTROLLED WHEELCHAIR WITH MEDICATION REMAINDER AND IOT BASED MONITORING SYSTEM**’ this Project is to develop wheel chair with specifications like medication remainder and IOT based heart.
- Developed a 1 – week project titled ‘**IMAGE SIMILARITY**’ given input image array will be compared with other set of images using cosine similarity, top 10 similar images will be the output of this project.
- Done a 1-week project titled ‘**INDUSTRIAL DATABASE MANAGEMENT**’ to store, update, delete and to view the data what we need.

### **INDUSTRIAL VISTS:**

- Attended a 2 weeks Internship at “**Clarity Image Centre**” to gain information about the working and instrumentation of various medical devices and instruments.
- Attended a 1-day Internship at “**Accurra Biomedical Solution**” to gain the knowledge about the Biomedical Engineering Equipment.
- Attended a 2-month Internship at “**Softcrylic Technologies**” to know about their project working and done quality check process.

### **KEY STRENGTHS:**

- Dedication
- Punctuality
- Curiosity

### **ACADEMIC CREDENTIALS:**

- Completed **Bachelor of Biomedical Engineering** at Sri Shakthi Institute of Engineering and Technology, L & T Bypass Road, Coimbatore – 641062 with 7.8 CGPA.
- Completed **Higher Secondary Schooling** at Shri Ganga Higher Secondary School in 2019 with 61%.
- Completed **Secondary Schooling** at Shri Ganga Matric School in 2017 with 83%.

### **PERSONAL DETAILS:**

- Date of Birth : 26/03/2002
- Father's Name : Kennedy. P
- Languages known to speak : English & Tamil.
- Languages known to write : English & Tamil.
- Nationality : Indian
- Address for Communication: 2/473, Teacher's colony, Chinniyamapalayam, Coimbatore-641062.

### **DECLARATION:**

I **Manoj K**, hereby declare that the above information is true to the best of my knowledge

  
SIGNATURE