 

**Sanchit Ailani**

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**OBJECTIVE**

To secure a creative and challenging position in an organization that gives me an opportunity for self-improvement and leadership, while contributing to the symbolic growth of the organization with my technical, innovative, logical and management skills.

**ACADEMIA**

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| --- | --- | --- | --- | --- |
| **Qualification with Specialization** | **Board/University** | **Subjects** | **Passing year** | **Marks scored (in % or CGPA)** |
| **B. Tech** | **Amity University** | Biomedical Engineering | **2016** | **9.39** |
| **XII** | **CBSE** | Physics, Chemistry, Biology, Math, English and Physical Education | **2012** | **84%** |
| **X**   | **CBSE** | English, Hindi, Math, Science and Social Science | **2010** | **8.8** |

**PUBLICATIONS**

* Paper presented in **International conference of Signal Processing (ICSP)** organized by IEEE and IETin November 2016,titled **Developing a Low cost Bluetooth assisted Hearing Aid.**
* Research paper is published in **International Journal Innovative Research in Science, Engineering and Technology (IJIRSET)** for April issue (2016) with title, **“ECG Enhancement and Heart Beat Measurement”.** Certificate number for the published paper is **“V514C428”.**
* Research paper is published in **International Journal of Engineering Research (GE-IJER)** under **Associated Asia Research Foundation** for December issue (2015) with title, **“Historical advancement of Hearing aid technology- A review”.**
* Research paper is published in **International Journal of Engineering Research (GE-IJER)** under **Associated Asia Research Foundation** for November issue (2015) with title, **“Economic Nebulizer for Asthma Treatment”.**

**PROJECTS UNDERTAKEN**

* Final year project **“Graphical User Interface foe ECG Enhancement and Heart Beat Measurement”,** was presented for the award of Bachelor’s degree under **MATLAB simulations.**
* A model was made as a part of clinical assistive device for improving the hearing impairments of the patients with an innovative idea of embedded **Bluetooth in a Hearing Aid** in 2015.
* A portable **Nebulizer machine** was made with a very simple design for innovation gallery in Amity University Convocation ceremony in 2015.
* Internship was done in **Columbia Asia Hospital (Ghaziabad)** for 2 months in 2014 and project was on **Patient Monitors** and their applications in various departments**.**
* A low cost and portable **ECG Device** was made with a simple circuit on breadboard in 2013 and was appreciated with a certificate of merit in INTRA-UNIVERSITY FESTIVAL.
* Training was done at **Cardea Labs Pvt. Ltd.** for 1.5 months in 2013 for **Biomedical** **imaging** and **signal processing** using **MATLAB**.

**PROFESSIONAL EXPERIENCE**

* Currently working in **Artemis Hospitals Gurgaon** at the post of **Clinical Engineer.**
* Perform a variety of routine tasks associated with the installation, maintenance and repair of a diverse range of biomedical equipment.
* Attend all the breakdown calls, technical crisis/ emergency and routine repair activities.
* Work with the departments to coordinate the availability of clinical equipment for preventive maintenance inspections.
* Maintain effective working relationships with fellow workers, clinical and medical staff and others they may come in contact with.
* Manage AMC’s, CMC’s and on call services of all the vendors.
* Perform electrical safety tests on clinical equipment using specialized test equipment.
* Report all patient safety issues to supervisor or manager and assist with the correction of issue as required.
* Notify user departments regarding status of repairs and work with the departments to obtain loaner or replacement equipment as required.
* Minor degree in **PHARMACEUTICALS.**

**SOFT SKILLS**

* Excellent communication, presentation and interpersonal skills with proficiency in English (verbal and written).
* Have positive attitude, innovative and creative thinker.
* Responsible, risk taking skill and risk management.
* Experience in working with team and working in cross cultural environment.

**PERSONAL DOSSIER**

**Father’s Name – Mr. Anil Kumar**

**Current Address – 1A/20 Geeta Colony, 2nd Floor, Delhi-110031**

**Date of Birth - 24-04-1995**

**Languages Known – English, Hindi, Sindhi, German**

**Hobbies – Swimming and photography**