**G S S Nitish Kumar**

**PROFILE**

An emerging mechanical engineering graduate, seeking an entry-level opportunity in a reputed

organization/institution as I can use my wealth of knowledge to support your company in achieving its

outstanding goals resulting in professional growth while contributing significantly to the organization/institution.

**EDUCATION**

* **B.Tech Mechanical Engineering**

**CGPA – 7.15 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 80% **2019**

Institution:

* **Class 10** – 94% **2017**

Institution:

**TECHNICAL INTERESTS**

Structure

**PROJECTS**

**Fluid-Structure Interaction in Machining Process.**

To get a reduction in temperature results in the area of the tooltip in the machining process.

The application of coolant will dissipate the

temperature generation at the zone.

The modeling and analysis have been done for

Titanium alloy.

Done in Deform-2D, Ansys fluent, and Minitab

software.

**Message Encoding and Decoding.**

The privacy between two customer text

messages is done by encrypting the data.

Encrypted message is converted into readable

message with lock key.

Applied knowledge of how encryption works by

using ASCII. And on using Tkinter and base64

libraries.

Done by using python.

**TECHNICAL SKILLS**

AutoCAD, Catia, Ansys, Python, UI/UX

**INTERNSHIP**

**Indian Space Research Organization, Sriharikota.** •Observed in the assembly section of PLSV XL. •Hands-on experience with small fits.

•Understood the mechanical drawings and

process of work.

•Used mechanical tools and AutoCAD.

**LANGUAGES**

Telugu, English, Tamil