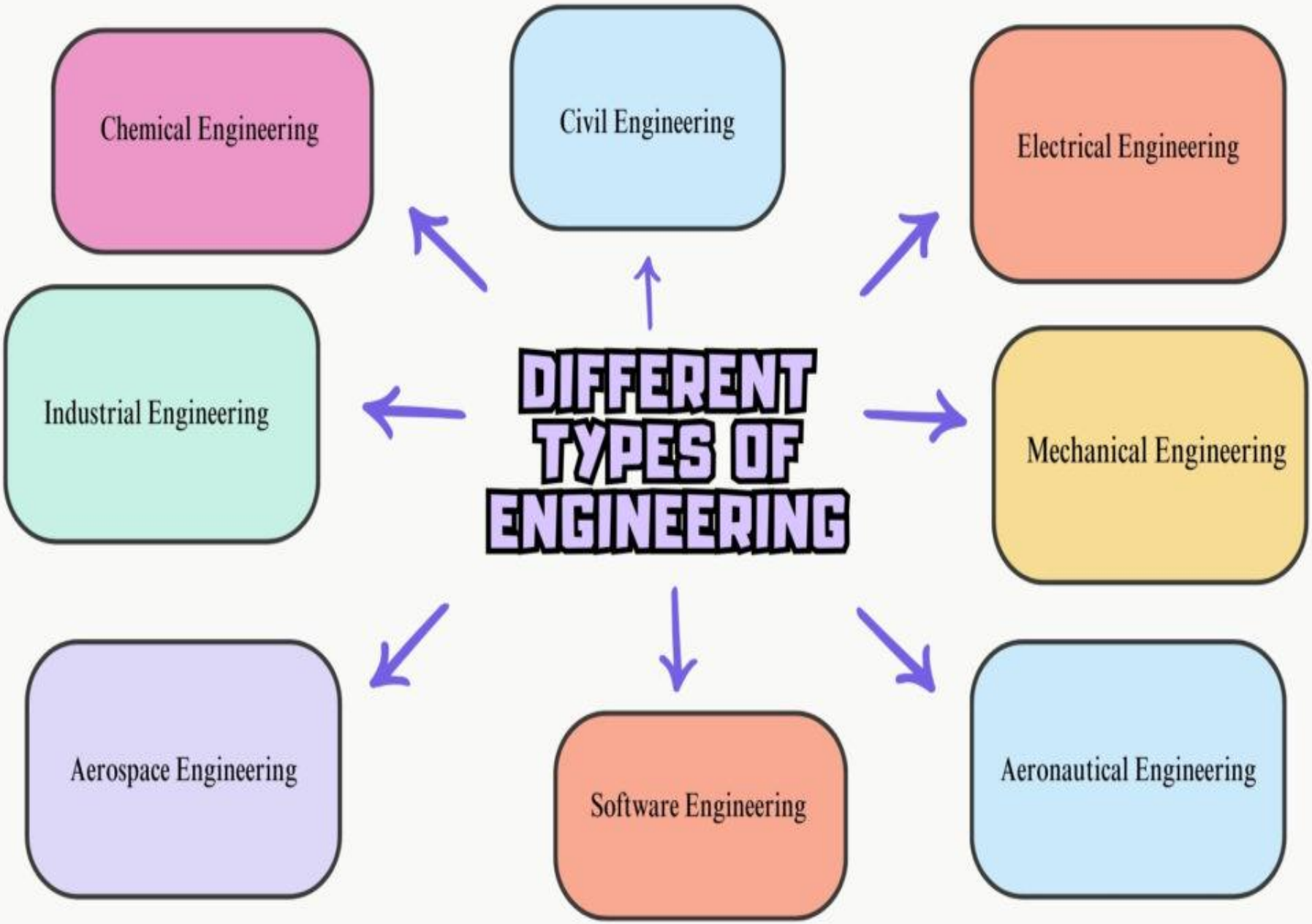
Why we choose A Stream?

- **Mathematics Stream**
- **Subjects:** Mathematics, Physics, Chemistry/Electronics

Mathematics is the study of the language of patterns and logic, mathematics is essential in all branches of science. Whether you're solving equations in physics, analyzing data in biology, or optimizing processes in chemistry, mathematical skills are indispensable. Career opportunities in Maths include:

- **Engineering**
- **Architecture**
- **Statistics**
- **Data Science**
- **Astrophysics**
- **Actuarial Science**
- **Data Analysis**
- **Cryptography**

You can also pursue further studies in fields such as economics, engineering, or computer science.


DIFFERENT TYPES OF ENGINEERING
Chemical Engineering
Civil Engineering
Electrical Engineering
Industrial Engineering
Mechanical Engineering
Aerospace Engineering
Software Engineering
Aeronautical Engineering

Types of Engineerings:

- **Mechanical Engineering:**
- Deals with the design, analysis, manufacturing, and maintenance of mechanical systems, including machines, tools, and engines.
- **Civil Engineering:**
- Focuses on the design, construction, and maintenance of infrastructure, such as roads, bridges, buildings, and dams.
- **Electrical Engineering:**
- Involves the study and application of electricity and its technology, including power systems, electronics, and communication.
- **Chemical Engineering:**
- Applies chemistry and engineering principles to design and manage industrial processes that convert raw materials into valuable products.
- **Software Engineering:**
- Focuses on the design, development, and maintenance of software systems and applications.

- **Aerospace Engineering:**

Combines elements of mechanical, electrical, and computer engineering to design and develop aircraft and spacecraft.

- **Biomedical Engineering:**

Applies engineering principles to solve problems in healthcare and the human body, such as designing medical devices and implants.

- **Environmental Engineering:**

Focuses on protecting the environment by developing solutions for water and air quality, waste management, and pollution control.

- **Industrial Engineering:**

Optimizes systems and processes in various industries, focusing on efficiency, productivity, and safety.

- **Materials Engineering:**

Deals with the development and characterization of materials with specific properties for various applications.

- **Structural Engineering:**

Focuses on the design and analysis of structures, ensuring their stability and safety.

- **Agricultural Engineering:**

Applies engineering principles to solve problems in agriculture, such as designing farm machinery and irrigation systems.

- **Marine Engineering:**

Deals with the design, construction, and maintenance of ships and marine equipment.

- **Automotive Engineering:**

Focuses on the design and development of vehicles, including their mechanical, electrical, and electronic systems.

- **Nuclear Engineering:**

Deals with the development and application of nuclear energy and technology.