**DYP CODING CLUB**

**About**

In today’s rapidly changing environment, programming skills are essential tools that can be utilized and incorporated into various fields and domains. Hence, it becomes absolutely essential to equip young minds with such skills. Coding Club aims to establish a coding culture on campus, reaching every student passionate about coding. The club’s motto is to Create-Build-Innovate.

**Aim**

* Conduct more coding competitions to reach every student on campus
* Organize events during the annual and cultural events.
* Conduct workshops on areas of computer science like web development, application development, machine learning, IoT etc.
* Contribute to open-source projects, build websites and applications, provide technical support to organizations and various clubs on campus
* Represent the college at inter-collegiate events
* Take part in competitions like ACM-ICPC, Google Code Jam, Google Summer of Code, and other online coding events.

**Practices**

* The club will conduct college wide coding competition every year to recruit the students who are passionate about coding. The competition not only focuses on coding but also on logical, analytical and problem-solving skills.
* The club will meet every week to discuss and work on projects. All the members can collaborate to achieve a common objective. Lecture sessions can also be organized for the benefit of members, where some concepts of computer science are taught.
* Workshop and technical talks on various competitions and concepts of computer science can be conducted through the club. The club can organizes talks/sessions by seniors and alumni about internship and placement preparation.

**Outcomes**

* Coding Club helps members gain in-depth knowledge of coding. This helps them immensely during placements and can also bring laurels to the institution through various national and international programming contests
* The club helps members develop an aptitude for logical thinking and visualizing a problem from various perspectives and creating multiple innovative solutions
* The country as a whole requires a lot more coders for it to achieve the goal of a ‘Digital India’. The club is doing its bit to help the country pursue this goal