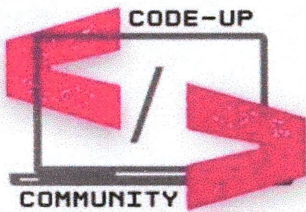# Dr. D Y Patil Pratishthan's College of Engineering



## Code-Up Community



The Code-Up Community is an initiative of Dr. D Y Patil Pratishthan's College of Engineering students, for the students, with the sole aim of promoting awareness about coding and coding opportunities. It provides a platform for students to engage in coding-related activities and projects outside of their regular college hours. The community is driven by the spirit of collaboration and mentorship and peer learning, where senior students/classmates take on the role of trainers and mentors for their junior counterparts.

One of the main objectives of the Code-Up Community is to bridge the gap between theoretical knowledge gained in classrooms and practical application in real-world projects. By working on coding projects, students can gain hands-on experience and develop their programming skills. The community encourages students to explore different programming languages and technologies, and provides support and guidance throughout the learning process. THE initiative was started in 2021 and so far, the following coding languages C, C++, Python, and Java has been learnt by more than 300 students. This helps the students feel empowered and promotes their chances of quality placements.

Senior students play a crucial role in the Code-Up Community by sharing their knowledge and expertise with their junior peers. They provide training sessions, workshops, and mentorship to help junior students improve their programming skills. This mentorship not only enhances the technical abilities of the junior students but also fosters a sense of camaraderie and collaboration within the community.

In addition to training and mentorship, the Code-Up Community also provides opportunities for students to work on real-world projects. These projects can be individual or team-based, and students are encouraged to apply their coding skills to solve practical problems. This hands-on experience helps students gain confidence and prepares them for future coding opportunities.

In the year 2021-22 Prathamesh Mandavakar, Suraj Bhosale, Prithviraj Chavan, Vishwajeet Dhawan, Poonam Patil and Prajyot Swami were the student leaders who took up the initiative to train the students. In 2022-23 with their seniors Saisham Mahamuni, Sumit Dhode and team of

students took the lead and trained all first year and Second year students in C, C++ and Python programming languages. Faculty members too contribute by guiding the leaders in case of difficulties encountered and keep track on the progress of the students

The Code-Up Community serves as a platform for students to come together, learn from each other, and explore coding beyond the confines of their college curriculum. It creates a supportive and collaborative environment where students can grow their coding skills, work on meaningful projects, and prepare themselves for future coding opportunities.

The Code-Up community focuses on skill development in the field of technology and coding. This aligns with the Skill India initiative, which aims to enhance the skills of the Indian workforce across various sectors, including technology. The Code-Up community promotes digital transformation by providing resources, learning opportunities, and a platform for tech enthusiasts to enhance their coding skills. This is in line with the G20's discussions on leveraging technology and digital innovation for economic growth and development.

The Community encourages collaboration and partnerships among its members, fostering a sense of community and knowledge sharing. Similarly, the G20 emphasizes the importance of collaboration among member countries to address global challenges and promote inclusive and sustainable development.

The Code-Up community focuses on equipping individuals with future-ready skills in coding and technology. This aligns with the G20's discussions on the need for continuous skilling, re-skilling, and up-skilling to adapt to evolving work profiles and practices in the digital age. the Code-Up community's efforts in skill development and digital transformation align with the objectives of Skill India and the discussions within the G20 regarding the importance of skills, technology, and collaboration for inclusive and sustainable development.

**Photo Gallery of Code-up-community**