

***Proposal For Implementation of Coding Pro Platform with Siddartha  
Institute of Technology and Sciences, Hyderabad.***

**CODE4BOTS TECHNOLOGIES PVT LTD**

CIN: U80900UP2021PTC150536

**Coding Jr**

**India:** 5th-floor AIC BHU Varanasi

**Singapore :** 1 Woodgrove Walk Singapore

**Email:** [ceo@codingjr.online](mailto:ceo@codingjr.online)

Dear Team,

We would like to express our gratitude and appreciation for the time you have dedicated to evaluating our platform and considering its integration into your existing curriculum.

This proposal aims to provide you with comprehensive information about the platform we offer. It encompasses details regarding the implementation plan, financial aspects, and the terms and conditions associated with our product.

By adopting our platform, your institution, students, and overall placement efforts will greatly benefit. The integration of online and tangible resources will effectively enhance your current offline approach. This improvement will contribute to a more comprehensive and impactful learning experience.

We want to assure you and the esteemed members of your institution's Governing Board that our primary objective is to establish a long-term partnership with your institution. Our aim is to assist your students in excelling in coding and computational skills, supporting their growth and success.

Yours faithfully,

**Sumit Bhat**

*CEO*

*Coding pro*

## Table of Contents

1. Introduction and Background .....	4
2. Company Profile.....	4-5
3. Values Offered.....	5
4. Scope of Work.....	6-8
5. Implementation.....	9
6. Integration with Institute.....	9
7. Quotation and Terms of Engagement.....	10

## 1. Introduction and Background

### **Integration of Coding and analytical thinking for future Jobs.**

Coding and analytical thinking are becoming increasingly important in Institute curricula to prepare students for future careers.

Coding offers benefits such as enhancing problem-solving skills, fostering creativity and innovation, promoting computational thinking, building technological literacy, and opening diverse career opportunities.

To effectively teach coding, institutes should start early, focus on hands-on learning and projects, encourage collaboration and problem-solving, provide progressive learning experiences, establish industry connections, and create a supportive learning environment. By integrating coding and analytical thinking, institutes equip students with valuable skills for the future job market.

## 2. Company Profile

Coding Pro is a leading education technology company specializing in coding and computer science education. Comprised of a team of highly skilled professionals, including talented individuals from prestigious institutions such as IIT and IIM, our company is driven by a passion for building innovative platform to upskill students.

At Coding Pro, our primary focus is to assist institutes in delivering a comprehensive and integrated curriculum that encompasses AI, robotics, and coding. It is also covering new emerging industries like gaming industry, data sciences, cybersecurity etc. We understand the evolving educational landscape and work closely with institutes to cater to their academic and technological needs.

Our range of cutting-edge products and solutions is designed to digitize and enhance the learning experience, making it more enjoyable and effective for students. We place a strong

emphasis on improving learning outcomes and providing students with the skills and knowledge required to excel in a technology-driven world.

One of our key strengths lies in the seamless adoption of our solutions within local communities. We ensure that our products are user-friendly, easily implemented, and tailored to the unique requirements of each institute. By doing so, we empower both students and educators to embrace coding and technology confidently.

At CodingPro, we prioritize data security and privacy. We understand the importance of safeguarding the sensitive information of our stakeholders. With stringent measures in place, we strive to protect and preserve data with the same level of care and dedication that we would give to our own.

With a steadfast commitment to excellence, innovation, and student success, Coding Pro is at the forefront of revolutionizing coding education and empowering institutes to prepare their students for a future that is increasingly dependent on technology

### 3. Values Offered & Integration

- Coding Pro offers a digital platform that includes a **comprehensive Learning Platform**.
- The platform includes a **Student Learning App** designed to provide an interactive and engaging coding learning experience.
- Coding Pro's platform incorporates **AI-based assessments** to evaluate students' coding skills and provide personalized feedback.
- The platform also features **Virtual Labs**, enabling students to practice coding in a virtual environment.
- Coding Pro offers **Mock Interviews**, simulating real-life coding interview scenarios to help students prepare for job interviews.
- The company emphasizes the flexibility to integrate the strongest global curriculum, ensuring students have access to the latest and most relevant **coding education resources**.

- Through its digital coding platform, Coding Pro aims to deliver a comprehensive and effective learning experience, incorporating assessments, virtual labs, and mock interviews to enhance students' coding skills and **prepare them for future careers.**

## 4. Scope of Work

**Virtual Labs** - Virtual Labs offer students a simulated coding environment for practical hands-on learning. Students can experiment, practice coding concepts, and gain valuable experience in a safe and controlled virtual environment. Virtual Labs provide flexibility and accessibility, allowing students to practice coding anytime, anywhere, and with various programming languages and frameworks.

**Website and Portal**- A software application designed for learning to code. An interactive digital platform to organize, plan and execute coding workshops. Equipped with lesson plans, and subject-wise bifurcation of topics designed as per the knowledge graphs.

**Student Learning App**-The Coding pro app allows students to access a curriculum-based digital library which is in the form of videos, digital presentations and eBooks. It consists of virtual machines and cloud-based compilers that help students solve and compile complex codes on their phones. Block-based gamified learning to make coding more engaging.

**Lesson Plans**- Digi slides for every topic with pictorial representations of it. It is timeefficient and comes with LMS software. Use of animation in slides to reinforce the curriculum. More engaging than conventional textbooks.

**Digital Ebooks**- Coding Pro provides digital e-books which have detailed content available. The e-books can be referred to 24\*7 and are available in an easy-to-use format. Digital slides are available for every topic with pictorial representations of the same. The E-Books are very interactive and self-explanatory.

**Flash Card**-Using flashcard technology to improve syntax memorization. It is a tested way to work on memory and learning skills and provides an edge to the students. Gamification helps students to memorize new coding languages quickly. Daily new flashcards are provided with personalized analytics.

**In-App coding**- The app is built with in-app coding facilities. Students don't require laptops and computers for coding. Cutting-edge cloud-based computing technology is used to create virtual machines. Virtual labs are provided to help students to get enough time to practice coding. This results in reduced hardware and maintenance costs.

**Artificially Intelligent Test Platform-** Automated Assessments Grading Personalised Report and Feedback for every student Bifurcations of the topics for better engagement and understanding Personalised exams for every student.

**A.I-based Resume Builder** - AI-based resume builder utilizes artificial intelligence technology to create professional and tailored resumes for job seekers. By analyzing user input and comparing it with industry standards, the AI-based resume builder suggests relevant skills, achievements, and experiences to optimize the resume's content. This AI-powered tool saves time and ensures that job seekers have a polished and optimized resume that stands out to potential employers.

**Job Preparation-** Experiments have proved that students who learn to code have a high intelligence quotient and outperform others in interviews, critical thinking, and logical reasoning. Digital careers are seeing double the growth rate of other industries, and jobs for those who code pay more than others, even at the entry level. coding is fast becoming an essential asset for the modern worker.

**Weekly Workshop** - Our faculty will be taking a weekly 1 workshop to teach coding to kids.

**AI interviewer-** Coding Pro's AI interviewer is an innovative tool that simulates a real-life coding interview experience. Using advanced artificial intelligence technology, the AI interviewer can ask coding-related questions, evaluate the candidate's responses, and provide valuable feedback. This AI-powered tool helps students and job seekers practice and improve their coding interview skills, enhancing their chances of success in actual job interviews.

### **Value Addition for Institutes:**

**Coding Platform:** Institutes can leverage the Coding Pro platform to provide effective and engaging coding education to students, fostering their technological literacy and problemsolving abilities.

**A.I based Mock Interviewer:** Coding Pro's AI-based Mock Interviewer utilizes artificial intelligence technology to simulate realistic interview scenarios, enabling students to practice and improve their interview skills. The AI-powered Mock Interviewer provides students with interview questions, evaluates their responses, and offers detailed feedback, helping them enhance their interview performance and increase their chances of success.

**Placement Cell automation platform:** Coding Pro's Placement Cell automation platform is designed to streamline and automate the processes involved in the institute's placement cell, making it more efficient and effective and integrates various features such as job postings, resume management, interview scheduling, and communication tools, providing a centralized solution for institutes to manage their placement activities and support students in their career development.

**Digitization:** By helping institutes establish a digital platform, Coding Pro enables seamless online and hybrid teaching, expanding the institute's reach and adapting to modern teaching methods.

**Virtual Labs:** Through virtual labs accessible via the learning app, students can practice coding at home without the need for dedicated computers, enhancing their coding skills and providing flexibility in learning.

### **Value Addition for Students:**

**24\*7 Digital Library:** Students gain round-the-clock access to a curated library of content through the app, including pre-loaded videos and presentations, enabling them to learn at their own pace and convenience.

**Examination Content:** Students can prepare for various jobs and internships by accessing relevant examination content provided by Coding Pro, enhancing their employability and career prospects.

**Examination Reports:** AI-based evaluation reports provide students with detailed feedback on their coding skills, helping them identify areas of improvement and track their progress.

**Skill Upgradation:** Coding Pro's coding classes offer students the opportunity to upgrade their skills, enabling them to stay competitive in a rapidly evolving job market and pursue rewarding career opportunities.

**AI interviewer:** Coding Pro's AI interviewer is an innovative tool that simulates a real-life coding interview experience. Using advanced artificial intelligence technology, the AI interviewer can ask coding-related questions, evaluate the candidate's responses, and provide valuable feedback.

**Virtual Labs:** Through virtual labs accessible via the learning app, students can practice coding at home without the need for dedicated computers, enhancing their coding skills and providing flexibility in learning.

**Learning App:** Learning App is a user-friendly mobile application that provides students with convenient access to coding lessons, practice exercises, and educational resources anytime, anywhere. It offers a personalized learning experience, allowing students to track their progress, engage in interactive activities, and enhance their coding skills through a comprehensive and interactive platform.

## 5. Implementation

Our proposed implementation approach is as follows:

Implement "As Is" - We will implement the latest version of the codingpro.online modules "As Is". This means you don't need to make any significant changes to your existing IT infrastructure and can be incorporated with minimum time investment. Coding Pro will be installed on the mobiles of the students and/or will be accessible from the web application.

The codingpro.online team will help in implementation as well as knowledge transfer to go digitize.

We believe that online education should be unlike our competitors. Learning through our app is absolutely creative.

## 6. Integration with institutes

Once we agree on the implementation strategy, each student is proposed to be given a dedicated account on our servers. This account can be used to access the content and curated courses. Also, each student can access it either through our app or through our website at any time and at any place.

We also help institutes to improve their performance and curriculum helping their students have access to quality content and the right approach to learning.

Academic Year	No of Modules	Duration
2023-2024	<b>10</b>	12 months

Academic Year	Cost Per student/Annum	Duration
2023-2024	<b>6000</b>	12 months

We will be providing a 40% waiver to the university considering a long-term partnership.

Academic Year	Cost Per student/Annum to coding pro	Duration
2023-2024	<b>3600</b>	12 months
Package Offered		Details
<b>Student Workshops*</b>	<b>48 classes</b>	
<b>Total Modules</b>	<b>10 Modules</b>	
<b>Total Projects</b>	<b>10 projects</b>	
<b>Recorded Lectures</b>	<b>10 modules</b>	
<b>A.I Assessments</b>	<b>1000 + quizzes</b>	
<b>Flash Cards</b>	<b>100 + activities</b>	
<b>Virtual Labs</b>	<b>10 virtual labs</b>	
<b>Student app users</b>	<b>No of students</b>	
<b>A.I based Mock Interviews</b>	<b>10 interviews per student</b>	
<b>A.I based CV</b>	<b>Unlimited CVs per candidate</b>	

1. One period will be taught for every class, weekly by the teacher
2. Student fees will be collected in advance yearly.
3. Prices are inclusive of applicable taxes
4. All students will be given access to our Artificial Intelligent-based placement platform and evaluations.
5. Training and Placement assistance will be provided.
6. In case any dispute arises, it will be resolved by the jurisdiction of Delhi.

7. Coding Pro need to receive a minimum of 300 enrollments in the program.



**Sumit Bhat**

*Co-founder and CEO*

*Coding pro*

**Authorised Signatory**

*Name:*

*Designation*

*Institute Name:*