Startup AYUSH Portal

A PROJECT REPORT

Submitted by,

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Under the guidance of,

Dr. S Saravana Kumar

in partial fulfillment for the award of the degree of

BACHELOR OF TECHNOLOGY

IN

COMPUTER SCIENCE AND TECHNOLOGY

At

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

PRESIDENCY UNIVERSITY

BENGALURU

MAY 2025

PRESIDENCY UNIVERSITY

PRESIDENCY SCHOOL OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

This is to certify that the Internship/Project report **"Startup AYUSH Portal"** being submitted by "Pawan P, Rishith R Rai, Ganashree P" bearing roll number "20211CSG0021, 20211CSG0022, 20211CSG0031" in partial fulfillment of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Technology is a bonafide work carried out under my supervision.
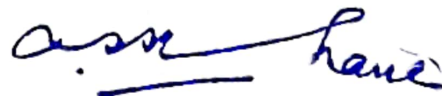
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DECLARATION

I hereby declare that the work, which is being presented in the report entitled "**Startup AYUSH Portal**" in partial fulfillment for the award of Degree of **Bachelor of Technology** in **Computer Science and Technology**, is a record of my own investigations carried under the guidance of **Dr. S Saravana Kumar, Associate Professor, Presidency School of Computer Science and Engineering, Presidency University, Bengaluru.**

I have not submitted the matter presented in this report anywhere for the award of any other Degree.

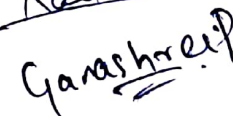| Student Names	Roll numbers	Signatures
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ABSTRACT

The Startup AYUSH Portal is envisioned as a comprehensive digital ecosystem designed to serve as a one-stop collaborative platform for all stakeholders involved in the AYUSH (Ayurveda, Yoga and Naturopathy, Unani, Siddha, and Homeopathy) startup ecosystem, including startups, investors, incubators, accelerators, government agencies, and the general public. The portal addresses the need for a centralized, interactive, and scalable digital solution that facilitates seamless communication, resource sharing, mentorship, and networking among stakeholders, thereby promoting innovation and entrepreneurship in the AYUSH sector. The project leverages the MERN stack MongoDB, Express.js, React.js, and Node.js for end-to-end web application development. React with Tailwind CSS is used to build a responsive and modern front-end interface that enhances user experience through clean design and fluid navigation. The backend, built using Express.js and Node.js, ensures robust API handling and secure user authentication using technologies such as JWT and bcrypt. MongoDB serves as the flexible and scalable database, facilitating real-time storage and retrieval of portal data. The integration of libraries and tools like cloudinary and multer enables efficient and secure image and document handling for user profiles and resource uploads. The portal is designed to support various user roles, including administrators, mentors, startup founders, and investors, each with distinct access privileges and interfaces. Core functionalities include profile creation, project showcasing, mentor booking, community posts, startup registration, and access to government schemes and funding opportunities. By digitizing and streamlining these workflows, the platform bridges the gap between traditional AYUSH practices and modern digital entrepreneurship, enabling the global AYUSH startup community to grow and collaborate effectively. In conclusion, this project not only contributes to the digitization of India's traditional healthcare system but also lays the groundwork for future expansion, scalability, and integration with national initiatives such as the AYUSH Grid and Digital India. The successful deployment of the Startup AYUSH Portal can serve as a model for sector-specific startup ecosystems across different domains.

ACKNOWLEDGEMENT