

## Requirement of Software Professionals

About the project:

Virtual laboratory project is a flagship project under the “National Mission on Education through ICT” (NMEICT) of Ministry of Education, Govt. of India. This is the fourth phase of the project and 12 leading Institutes of the country are working on this project since 2009. College of Engineering Pune is one of the active participants of the project since beginning. More details about this project is available at <https://www.vlab.co.in/> . In the phase IV of this project simulators related to various engineering domains will be developed which are required as per AICTE model curriculum.

The appointment for this project will be purely temporary and can be terminated any time based on the project closure OR poor performance by the employee. The major requirements of the manpower for this project are to “think innovatively to develop better learning experience for the students, develop simulators which are close to real experiments, develop methods using modern tools to track the performance of the students while performing the online experiments, and understand the basic concepts from domain experts, and convert them in useful simulators.

For all the positions open source software background and proficiency is a must as the project is mainly designed using these open source software.

For any query you can reach to Prof. S.D. Agashe Principle Investigator of the virtual laboratory project at COEP. His e-mail id is: [sda.instru@coep.ac.in](mailto:sda.instru@coep.ac.in)

Requirement of manpower with qualification:

Sr. No.	Designation	Required qualification	No of Posts
1.	Software Developer	Fresh Computer or allied engineers with command on programming languages (open source languages such as Java, Spring, Hibernate, Python, etc), back end development tools, data bases, module testing and App development. Prior experience of basic software development will be the added advantage.	10 Nos
2.	UI/Front-End Developer	Fresh Computer or allied engineers with knowledge of HTML5, CSS3, Bootstrap 3/4/5, and responsive layout design with a media query. The candidate should be good in JavaScript, jQuery, Java, and the latest JavaScript framework/Libraries. Able to integrate existing API [REST] and network system. Knowledge of Adobe Photoshop will be the added advantage.	1 No

Please visit and submit your application at <https://portal.coepvlab.ac.in/vlab/auth/career> on or before **29<sup>th</sup> June 2022**.