

Date: 30th August 2020

To,
The Principal,
Rajarshi Shahu College of Engineering,
Pune - 33.

Subject: Permission for signing Memorandum of Understanding with Xenstack.

Respected Sir,

To increase Industry-Institute Interaction, Department of Computer Engineering is planning to sign Memorandum of Understanding(MOU) with various industries. This will be beneficial to students to get awareness of latest technologies, sponsored projects, internship on live industry projects and Placement opportunities. In this direction department seeking permission to sign Memorandum of Understanding with IT industry - Xenstack. The profile of Xenstack, and details of MOU are given below. Kindly permit us for this MOU.

Thanking you,

Yours Truly,

Dr. S. V. Kedar *Seemach*
Dr. D. T. Mane *DDT*
Coordinator, Dept. of Computer Engineering,
RSCOE, Pune - 33.

Seemach
Dr. S. V. Kedar
HOD, Dept. of Computer Engineering,
RSCOE, Pune - 33.

Profile of Xenstack

XenStack is a trusted partner, an International DevOps, Cloud, Machine learning, Big Data and a leader in the Cyber Security space.

XenStack is a leading organization in DevOps & Cloud Corporation!

A team that takes pride in our readiness to solve some of the most complex technical challenges in existence. With challenges spanning government to commercial, you'll have the unique opportunity to work on projects that are literally evolving our nation's cyber space and Machine Learning capabilities. We all share a common passion and aspiration – to serve a mission much bigger than ourselves. When you join our team, you'll be part of a rare collection of thought leaders and game-changing innovators. XenStack is pleased to offer **internship program** with your esteemed College RSCOE & provide a career building opportunity.

XenStack will prepare students to be a Full Stack Developer and proficient in DevOps, Cloud Services, Cyber Security and Data Science Domains.

XenStack may use the name of the institute on their website for institute Campaigns and photographs of the institute Campaign may be uploaded on the website.

XenStack will provide Internship and Certification Training in following domains:

- Cloud Computing
- Linux Operating system Administration
- Machine learning & Analysis
- RDBMS Database technologies
- Big Data Analytics
- Python Programming
- DevOps Technologies using docker and Kubernetes
- Continuous Development and Continuous integration using Jenkins
- Systems Security Engineering
- Network engineering and architecture
- Threat Validation and Mitigation
- Configuration Management using Ansible, Puppet & Terraform.

Apart from this, XenStack will also provide access to its own Private XenStack Cloud with production and development work loads prebuilt with daily data ingested from Facebook, Twitter, New York Metro service, WHO, United Nations ...

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Students will also get access to Cloud services with total benefits of more than 1000\$.

XenStack will provide sponsored FDP/workshop in every semester.

Encourage & support faculties, students for R&D activities and IPR.

Placement Opportunities will be given to deserving candidates. Also, students who enroll for Training & Internship Program will get placement assistance and consultations.

Consultancy work will be done by both the parties & the consultancy amount will be paid to the concerned faculty or institute for their valuable contribution in company projects.

Benefits of MOU:

1. Both the Department of Computer Engineering of JSPM'S RSCOE and Xenstack, believe that close co-operation between the two would be of major benefits to the student community to enhance their skills and knowledge and would act as platform in bridging the gap between academia and industry.
2. Interaction of Xenstack and the Department of Computer Engineering, will give an insight in to the recent developments/ requirements of the industries. Hence, the students can be equipped to meet tomorrow's challenges present in the real world.
3. Xenstack and the Department of Computer Engineering tie up will build confidence and prepare the students to have a smooth transition from academia to industry.
4. To have joint meetings with faculty of the Department of Computer Engineering and staff of Xenstack to discuss on various topics, to have interdisciplinary design and establishment of working modules and the curriculum requirements relating to the industries.
5. Xenstack shall give a few real time projects related to the Cloud that can be done by student and faculty.
6. To guide the students to make the projects by utilization of the training in both premises.
7. To provide specific training requirements for students in the latest technological fields and related software developments.
8. To provide forums like workshop and short term training courses.

Role & responsibilities of each party will be as under:

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Roles and Responsibilities of Xenstack

- a. Offer Mentorship opportunities to students from Second year engineering up to completion of bachelors of Engineering. The duration of mentorship will be 30 hours per student per academic year for a period of 2 continuous academic years.
- b. Offer Internship to Second, Third Year and Final Year students with duration of (30 Days x 8 Hours per day i.e. 240 hours of internship per student). The students shall be familiarized / trained / taught on live projects within the organization. All the expenses incurred during this period on account of travel, transportation, lodging and boarding shall be borne by the respective students.
- c. Issue certificates to each participating student on successful completion of Mentorship and Internship program.
- d. To provide Single Point of Contact for mentorship, internship and placement program and conduct the program.
- e. Conduct technical workshops/seminars on various important key areas or topics to gain skills in the respective domain, as per the requirements of the students / faculties of Computer Engineering Department, RSCOE, PUNE at least once in semester. The dates and duration of workshops can be decided with mutual consultation from time to time.
- f. The training program offered by Xenstack could be voluntary; the fee structure for training program will be decided by Department of Computer Engineering and Xenstack jointly. The shares in total training cost is Xenstack 80%(for conducting training program) + department 20% respectively.
- g. Xenstack will offer placement opportunities to the interested students without any compulsion on either the students or the company.
- h. Xenstack will offer freelance opportunity to faculties to work on their projects, where faculties render their knowledge in design, testing and solution provider for the project.
- i. Xenstack will offer sponsored projects to the students for their final year academic project.
- j. Xenstack agrees to setup 'Center of Excellence at Department of Computer Engineering. All the software's at Center of Excellence will be sponsored by Xenstack. Through this Center of Excellence, Xenstack will provide training to students/ faculties.
- k. Xenstack will provide access to Cloud services with total benefits of more than 1000\$.

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1. Xenstack will start a Startup centre at Department of Computer Engineering, RSCOE.

Role & Responsibilities of RSCOE:

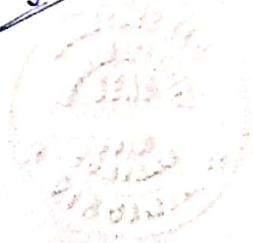
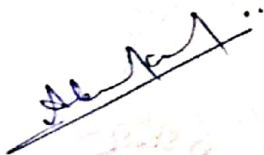
- a. Allow students of RSCOE to attend the various Industry oriented training programs.
- b. To render all required support to Xenstack in selection of the students to undergo the Xenstack Courses.
- c. To arrange & provide required infrastructure & facilities like:
 - a. Permission to post Xenstack club event posters in college premises.
 - b. Dedicated notice board / space in common notice board in college premises.
 - c. Permission for using classroom (typically 1-2 times a semester during post-college hours for conducting small-scale programs)
 - d. Permission to use auditorium (typically 1-2 times a year for large scale programs)
 - e. Dedicated LCD Projector (if possible)
 - f. Locker / Small room to store Xenstack club paraphernalia / course material & other documents (if possible)
 - g. 1 Table & 2 Chairs
- d. The training programs would be voluntary but at least one should be organized by the College for SY, TY and BE Students in a year.

Term of MOU:

1. This MOU comes into force from the day of signing by the last party. The term of this MOU is five year from the last party signing hereof. Either party may terminate this MOU by giving thirty (30) days prior written notice to the other party.

2. Limitation of liability:

Neither party shall be liable for any special, indirect, incidental, punitive, contingent nor consequential loss or damages suffered out of or in connection with the aforesaid MOU whether as a result of a breach of this MOU or otherwise.




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3. Dispute Resolution:

The parties recognize that a bonafide dispute as to certain matters may from time to time arise during the term of this MOU, which relates to either Party's rights or obligations hereunder. In the event of the occurrence of such dispute, either Party may, by written notice to other Party, have such dispute referred jointly to the authorized representatives of the Parties, or their successors or counterparts, for resolution by good faith negotiations within 15 days after such notice is received in respect of such dispute.




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Rajarshi Shahu College of Engineering
Tathawade, Pune-411 033

IN WITNESS WHEREOF, the Parties hereto, each acting under due & proper authority have executed this MOU as of the date written above

For Konstant	For RSCOE
Signature / Stamp 	Signature / Stamp  
Name of representative: Mr. Atul Mokel	Name of signatory: Dr. R. K. Jain
Date: 30/08/2021	Date: 30/08/2021

