

JNCAA Newsletter

March 2023



Getting Started with Juniper Networks Cloud and Automation Academy

Welcome to the first JNCAA Newsletter of 2023. Organizations need individuals with networking-cloud skills to help transform their business. JNCAA Training and Certification supports future workforce to learn industrial knowledge. Our content is created by experts at Juniper and updated regularly to keep networking skills fresh. We offer free digital training that allows students and academic community to learn online at their own pace. Course subscriptions unlock exclusive access to training, hands-on labs, practice exams, and more.

Check out [Juniper Training & Certification portal](#) to keep up to date.

We have some exciting new developments to share with you around this topic. In this newsletter we will be shining a light on regional highlights.

Industrial Visit By BIT Students at Juniper Networks Lab

Industry visits are essential for students pursuing technical courses. These visits broaden students' perceptions and provide them with valuable real-world

experience. Keeping same in mind, on Jan 12, 2023 JNCAA was delighted to welcome 12 students and 14 faculty members from Bangalore Institute of Technology (BIT) to the Juniper Networks Lab



in Bangalore, India, with the aim to learn about various router and switch configurations and how they operate together to build networks in today's technologically driven era. Furthermore, Mr. Sai Krishna Bandi, Sr. Manager Technical Support, explained The Lab Resource Manager (LRM), Graphical Topology Editor (GTE) which keeps track of where every single component, and allows network automation and management of labs.



Photo: BIT College professors and students along with Juniper Lab and JNCAA team

The BIT team also visited Juniper's Technical Assistance Centre (JTAC) lab, where the support staff simulated the customer's issue in order to troubleshoot and provide a solution. The lab session also ended with a Q&A round to clear students' doubts. A real-time example of

networking really helped them understand and sharpen their concepts.

“The industry visit to Juniper Networks was a productive educational opportunity. It presented an opportunity to observe how the most recent networking trends and technologies are applied in a practical scenario. We had the opportunity to know about the company's products and services and how high-performance networks are built. It was interesting to witness the company's dedication to innovation and its capacity to outperform rivals in the networking sector.” said Nethravathy V, Professor at BIT.

BIT first connected to the JNCAA program in 2022. Through this collaboration, BIT included Juniper's Security training (JSEC) as part of their 5th semester lab course and enrolled more than 240 students in the on-demand, self-paced course.

ESIEE and Juniper's 15-Year Partnership Fosters Success

ESIEE, a leading French engineering school and a valued JNCAA member since 2008, is committed to providing students with high-quality education that prepares them for successful careers in their chosen fields. ESIEE students also work as apprentices, learning theory in classroom training and putting the theory into practice while working in companies.

Including professional certifications in ESIEE's curriculum is a key factor in the success of the program, according to Laurent Perroton, Head of the Networks and Security Major at ESIEE Paris. "Certifications confirm students have acquired practical competencies required in their field". Furthermore, for ESIEE students, it is particularly valuable to learn about Juniper technology. Perroton says, "Juniper is a major actor in the Networking and Security fields, and ESIEE students often encounter Juniper in their companies".

While it is important for students to have experience on physical equipment early in their studies, Perroton

ESIEE
PARIS

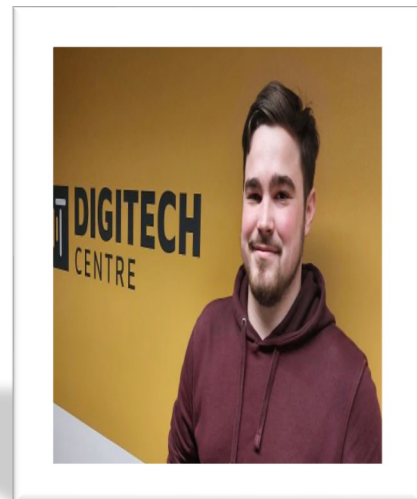
Observes that for his master's students, JNCAA virtual labs have some distinct advantages: "virtual environments do not require expensive equipment or maintenance, they can be set up quickly, and they allow students to experiment with different network topologies".

Key Success Factors

ESIEE's partnership with Juniper Networks has been highly successful over the past 15 years, and Laurent Perroton has some advice for other instructors who want to build successful academic partnerships with leading-edge technology companies. "Include certification within your curriculum", he says. "Juniper certification is integrated in the final year of our program, and this is a major success factor. When students are left to follow the certification training on their own, purely as an option, the motivation for the program does not last long".

Speak to your Program Manager for further information on how to become JNCAA member

Learner in Spotlight



Leon Skinner works three days a week as an apprentice for British Telecom and studies two days a week at the University of Suffolk. At BT, Leon works extensively with Juniper devices, so when he learned, he could follow Juniper training and become certified, Leon eagerly accepted.

Leon says:

"I chose the JNCIA-DevOps certification track to bridge my interests in software automation with networking. This allowed me to take my skills to a much higher level. Juniper training is in-depth, yet easy to follow. And Juniper certification really helps set you up for a career in computer networking. Juniper certification fits nicely with my current studies at the University of Suffolk where we cover some of the same content and concepts".

Juniper's certification also fits well with his current apprenticeship at BT, and as more companies embrace Software-Defined Networking, Leon believes .

We Want to Hear from You!

We value your feedback!

Want to share an idea about what you would like to see us do differently? Our team would LOVE to hear about how we can better serve your needs in 2023.

Feel free to send a message directly to jncaa@juniper.net.

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