

JSS Academy of Higher Education and Research
JSS College of Pharmacy
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**Report of the visit of Mr.Raj Joshi, CyVidia, from USA to IKP Bengaluru
and JSS College of Pharmacy, Mysuru on 7th and 8th of July 2023.**

Mr.Raj Joshi, Founder & CEO of CyVidia , Chicago, USA has visited India to have collaboration with IGRF, JSS AHER and Centre of Excellence in Regulatory Science (CEReS) JSS College of Pharmacy, Mysuru on 7th and 8th July 2023.

On 7th afternoon, there was an interaction with Mr.Raj Joshi and Dr. Priyankana of IKP/IGRF Bangalore, Dr.K.Bangarurajan and Dr.M P Venkatesh of JSSCP, Mysuru and four startups who have been called by Dr.Priyankana of IKP. The startups are in the development of Medical Device and IVD's. During the interaction Mr.Raj Joshi given his involvement in co-ordination with some of the bigger Medical Device's manufacturers like Medtronic and USFDA in cybersecurity aspects of the software used by them. Also informed about his 3 decades of experience in software development and working with Cybersecurity aspects of the software with other manufactures.

He has been asked how he would be interacting with the startups in future. For which he informed that the JSS College of Pharmacy/IGRF may collect the questions from the startups and forward them to him before hand and a time will be fixed for answering the queries raised through webinars.

He also volunteered to support cybersecurity initiatives for the products and best practices, process to the startups.

After this valuable interaction, Dr. Priyankana taken a tour to the IKP EDEN and IKP Bio nest and given a brief about how these help the startups to further their ideas and come out successfully to bring out the products in the market. By 6 pm Mr. Joshi along with Dr. Bangarurajan and Dr. Venkatesh proceeded to Mysuru and reached Mysuru in the night.

The next day, on 8th July, Mr. Joshi had interactive meetings with officials of JSS AHER, JSS Medical College, JSS Pharmacy College (agenda enclosed).

Dr. T M Pramod Kumar, Principal, JSS AHER, welcomed the participants and presented a brief about the JSSCP, Mysuru and CEReS. Mr. Raj Joshi has given brief about himself and requested the participants the areas in which the institution needs his assistance.

Dr. Vikram Patil of JSS Hospital and Medical college expressed that presently the security of Health Data collected in the Hospitals as GOI has come out with 'Ayushman Bharath' Scheme and how to keep the data protected.

Dr. Sivashankar of S&T University expressed that the startups in the Engineering field needs to know the steps involved in the software development, their validation and security.

Dr. Prasanth Vishwanath, Research Director, JSS AHER. Stated that the university purchases the software from vendor and how to assure that the products are secure. Further he has informed that by JSS Hospital and Medical college is undertaking the different research Clinical Trial projects and how to protect the Data generated.

Dr. Balamuralidhara, HOD, Dept. of Pharmaceutics, suggested to come out with a certificate course in Cybersecurity-online and also to interact with Mr. Raj Joshi on the software as Medical Devices and how the PG students to become a startup and the steps to see that the secured software is used in the Medical Devices.

It has been concluded that Mr. Raj Joshi will assist,

- JSS AHER and JSS Hospital in their projects which will require the Data Protection and cyber security.
- To develop a curriculum in cybersecurity certification course for the students in Engineering and Technology and in Pharmacy curriculum especially in Medical Devices.
- To interact with the PG & PHD Students and staffs through webinars to understand the fundamental knowledge and steps required in software for development of Medical Devices which incorporate software.

Mr. Raj Joshi, then went around the different departments of JSSCP, Mysuru and interacted with the staffs. He then visited the SPARKLE CINE, startup facility and appreciated the products development there. Dr. J.Suresh, HOD, Pharmacognosy department has taken him to herbal garden and Mr. Raj Joshi planted a sapling there. In the evening he left JSS Mysuru, Thanking the organisers.