

Webinar on Modeling Software Architectures using Robin Milner's Calculus of Communicating Systems (CCS)

As part of the series of webinars, on 23rd July, 2021, the Department of Computer Science and Engineering, VFSTR successfully organized a webinar titled “Modeling Software Architectures using Robin Milner's Calculus of Communicating Systems (CCS)” by Prof. Rushikesh Joshi, an eminent Professor and renowned researcher from IIT Bombay. Calculus of Communicating Systems, shortly known as CCS refers to the theory of communicating systems. CCS was developed by Robin Milner in 1980s. CCS is a compact model of representing, interacting and communicating concurrent systems. The talk mainly focused on introduction to the CCS model of computation, along with several examples, and then the speaker enlightened the participants by discussing how these CCS models can be used to build models in software architectures. Students, faculty, research scholars and IT professional actively participated in this webinar. Talking on this occasion, Dr Venkatesulu Dondeti, HoD, CSE expressed that these concepts are much useful for those working on related fields. “Overall, the workshop helped to generate more interest in software modelling and inspired participants to work towards software modelling with renewed vigor,” stated by the organizing committee.