

[Scdt] SCDT-FlexE Centre Weekly Tuesday Seminar-19.10.2021 at 7:30 PM



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Zoom Meeting for joining the webinar:

<https://zoom.us/j/99863678964?pwd=ZVJvdFN5T1UyQjdZbmxxwS0htRUJOUT09>

Meeting ID: 998 6367 8964

Passcode: 064022

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Dear Colleagues,

I would welcome you to attend the SCDT-FlexE Centre Weekly Tuesday Seminar on 19th October, 2021 by Mr. Prashant Shirke from the OLED Team at our centre. The details of the seminar (to be given in webinar format) are:

Title: "Autonomous test system for optoelectronics device characterization and OLED Driving for outdoor applications"

Date: 19th October, 2021 (Tuesday)

Time: 7:30 PM to 8:30 PM

Presentation will be on zoom. The link is given above.

The seminar abstract and a brief bio of the speaker are given below. Please join the talk if you are in a position to do so.

With regards  
S.K.I.

Abstract of talk by Mr. Prashant Shirke:

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Precise device characterization is a vital part in research and development at industries and academia. Indian research mostly depends on imported device characterization systems. There are only a few companies which develop such systems in the world but the major part also missing there is complete automation. Make in India is an initiative by the Government of India to make and encourage companies to manufacture in India and incentivise dedicated investments into manufacturing. The policy approach is to create a conducive environment for investments, develop a modern and efficient infrastructure, and open up new sectors for foreign capital. At NCFlexE, IIT Kanpur we have developed automation of the existing old OLED IVL system with more inbuilt features.

Automotive OLED cluster for outdoor applications has been tested for 120 pixels and could be extended for more than 1000 pixels with more smart features.

Pune (Automation and Sensor Development) and as a Simulation Engineer for Indian Railway Projects at CC Engineers Pvt Ltd, Pune (Simulation and Automation). Mr. Shirke is currently a Project Engineer at the National Centre for Flexible Electronics, IIT Kanpur as part of the OLED team. His focus of work is on Automation and OLED Driving.

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