

Dept. of ECE organized a webinar on **"Functional Safety"** with Mr P C Mohan Kumar, Functional Safety Specialist, Wabco, Chennai on 1 May 2020. Dr S Senoj Joseph, Assoc. Professor and Ms B Banuselvasaraswathy, Asst. Professor, Dept. of ECE coordinated the event.

Sri Krishna College of Technology
[An autonomous Institution approved by AICTE] [affiliated to Anna University]
[accredited by NAAC with 'A' Grade]

Kovaipudur, Coimbatore 641042

Department of Electronics and Communication Engineering
[accredited by NBA under Tier-I]

Jointly Organizes with

INSTITUTION'S INNOVATION COUNCIL
(Ministry of HRD Initiative)

A Webinar on "Functional safety"

Resource Person
P. C. Mohan Kumar
Functional Safety Specialist
Wabco, Chennai
[an alumnus of ECE, SKCT]



Event Schedule

-  10.00 am
-  01/05/2020
-  Zoom Meeting ID: 74157849669

Stay Home Stay Safe

SKCT fights against COVID-19

10:21 AM ...53.3KB/s 4G

741-5784-9669 Password: pc2020 Leave

Functional Safety


Automated Door

Functional requirements

- Detect a person approaching to the door and open the door.
- Wait for the person to move away from the door and then close the door.
- When a person is standing between the door when open, wait until the person moves.
- Otherwise keep the doors closed always.
- Stop movement when resistive force is felt.

Possible Malfunctions

- Do not detect the persons to open and remain closed always.
- Opens/closes very fast and breaks the door.
- Opens/closes very slow.
- Do not stops to close the door when person is between the doors
- Keeps opening and closing in loop



Identifying and preventing the malfunctions of a system that can physically hurt Functional Safety.

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Why you need to know?

- Increasing electronics and Software inside our everyday products increases risks involved.
- Every industry is setting their standard and make legislations.
- Standards are quite new and lot of scope for young engineers.
- There is only one college that offers Master in Functional safety.
 - University of Kassel in Germany

	Pc.Mohan kumar (Host)
	18TUEC013 ARUL ABISHEIK A
	18TUEC021 BALAJI J.
	18TUEC026 DARSANI D
	18TUEC036 Divya.M
	18TUEC045 HARINI AMALA K.
	18TUEC207 PRIYADHARSHINI. M
	18TUEC209 RAGAVENDRA.M
	18TUEC245 VIGNESHWARI P.
	Abbiyah Justin
	DANIEL VASADACHATHI M.