ROLE DOCUMENT - EMBEDDED SYSTEMS		
REQUIREMENTS	**Minimum Qualification**	BE/ BTech
	Technical Knowledge	**"Must have":** 1. Embedded system for vehicle applications: Autosar, ARM System-on-chip Architecture, MCU(Infineon TriCore processors, PIC Microcontroller), Communication Protocols(UART, SPI and I2C etc). **"Good to have":** 1. 1-2 year industry experience in embedded systems programming for automotive applications 2. Familiarity with embedded hardware in automotive applications gained from 1-2 year experience
	Behavioral Competencies	Effective communicator, ability to coordinate and resolve conflicts, good team player
PURPOSE	1. Develop, deploy and maintain WILP labs in the areas of embedded systems and automotive embedded systems 2. Support student learning as per the course/ program requirement - requires scheduling and conducting labs, and evaluation	
KEY RESPONSIBILITIES		**AREAS OF RESPONSIBILITY (Key Activities)**
	1	**Lab deployment**
		Deploy labs to the WILP students as per the course requirement and assess the lab components on time under the guidance of course faculty
	2	**Lab development**
		1. Lab development in emerging areas of automotive embedded systems - support the responsible faculty and the Experiential Learning Lead (ELL) from initiation, through proposal, procurement, commissioning, installation and development 2. Develop lab exercises under the guidance of course faculty 3. Support the creation of audio-visuals for marketing/training purposes
	3	**Lab maintenance**
		Work with the Experiential Learning Lead (ELL) and the respective lab faculty for maintenance of lab equipment, and upkeep of software licenses
	4	**Student support**
		Prompt resolution of student querries related to labs