

GUDLAVALLERU ENGINEERING COLLEGE
SESHADRI RAO KNOWLEDGE VILLAGE::GUDLAVALLERU
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
CIRCULAR

Date: 17-06-2021

The Department of EEE is organizing a Awareness Program on “**Opportunities on the CORE side in UK**” by Mrs. K.SINDHU Senior Infotainment project Engineer in McLaren company in London, from 2.00 P.M to 4.00 P.M on 19-6-2021 to IV -B. Tech Students in association with IE Student Chapter. Hence all the students are informed to attend without fail. The attendance will be monitored.

Online Platform: Microsoft Teams.

Time: 2.00 P.M to 4.00 P.M


(Dr. B.DASU)

HOD

Contact

sindhu953@gmail.com

www.linkedin.com/in/sindhura-kasaraneni-04204174 (LinkedIn)

Top Skills

Microsoft Office

Research

C

Sindhura Kasaraneni

Software Integration Test Engineer at McLaren Automotive Ltd
Woking, England, United Kingdom

Summary

7 years of experience in Automotive OEM Industry as development, integration & testing of Electronic Control Units for EE systems with rich Automotive domain experience in Electronic Controls Systems and Automotive EE Architectures.

Key Skills:

- End to End design, development and testing of Body, ADAS, Driver displays and Comfort systems
- HiL simulation, integration & testing of various ECU's/vehicle functions (like Body control module, Instrument Cluster, Infotainment, Tire Pressure Monitoring System, Immobilizer, Remote/Passive Keyless Entry systems and Diesel engine features etc..) on HiL test bench environment & prototype, validation vehicles
- Development of Automation scripts to execute on Hardware-in-loop rig using CAPL in vTest Studio
- Sound knowledge in automotive protocols, e.g. Ethernet, CAN, LIN, DoIP, XCP over Ethernet, UDS and KWP and its testing methodologies
- Experience in IBM Rational DOORS 9.6 for test requirements design and management
- Rich experience in automotive network analysis tools like CANalyzer, CANoe, CANdela Studio, Canape, CANStress, vTEST Studio, TAE, CANoe Standalone and RT modules, ETAS calibration tools (INCA, ES581, ES590), Monaco for diagnostics
- Experience of Automation Desk, Control desk in dSPACE HiL system environment
- Experience in DFMEA, functional safety, DVP activities, network communication, diagnostics
- Knowledge of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC), V-model processes and is a certified DFMEA, ISTQB-FL professional
- Experience in White Box (Unit, Module & SW Integration Testing) and Black Box Testing (System testing (Functional and Non-functional))

- Knowledge of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC), V-model processes and is a certified DFMEA, ISTQB-FL professional

Experience

McLaren Automotive Ltd

Software Integration Test Engineer

January 2016 - Present (7 years 5 months)

Woking, United Kingdom

The scope of the project is to perform verification and validation of all Electronic Control Modules software for vehicle functions, distributed functions, diagnostics module and fail-safe reactions on LabCar using HIL rig (dSPACE)

Responsibilities Handling –

- Test case design for Functional, Non-Functional, diagnostics, fail-safe and EOL testing for Body, Powertrain and Hybrid distributed functions
- Test requirements design to capture, link, trace, analyze and reporting using IBM Rations DOORS
- Automation scripts development to execute on Hardware-in-loop rig using CAPL in vTest Studio
- Integration level, Networking, Flashing and Diagnostics testing on LabCar using dSpace HiL simulation systems
- Perform and Monitor the Manual & Automation test execution on LabCar using HiL systems and review the automation test reports
- Dynamic tests on validation vehicles and Commissioning of vehicles
- Analyze the test results, derive the root cause of the failures and release the test reports to the respective system engineers
- Defects entry and closure in defect tracking management tool

Tech Mahindra

Senior Software Test Engineer

January 2016 - Present (7 years 5 months)

woking, united kingdom

Working as Senior Software Test Engineer for Client McLaren Automotive Ltd.

Mahindra Rise

Senior Engineer

August 2013 - January 2016 (2 years 6 months)

Chennai, Tamil Nadu, India

The scope of the project is to develop/write specifications document for developing the Body Control Module features like Interior & Exterior Lighting, Ignition Control, Washer and Wiper functionality, etc. and Door Control module Responsibilities Handled -

- End to End system design of Body control module features and Door control module
- Development of software requirement specification in DOORS for Body control module and Door latch module
- Perform DFMEA, functional safety, DVP activities, network communication and diagnostics
- Design and Development of Test cases for Functional, Non-Functional and Diagnostics Testing as per requirements
- Calibration of Diagnostic Trouble Codes, freeze-frame and environmental parameters in BCM & Door Control module ECU's
- Supplier and their deliverables management
- Support in the resolution of RCA and closure of the defects in Prototype and Validation vehicles

Education

National Institute of Technology, Tiruchirappalli

Master's degree, Electrical and Electronics Engineering · (2011 - 2013)

Jawaharlal Nehru Technological University, Kakinada

Bachelor of Engineering (B.E.), Electrical and Electronics

Engineering · (2007 - 2011)

Meeting Summary					
Total Number of Participants	81				
Meeting Title	General				
Meeting Start Time	6/19/2021, 1:38:31 PM				
Meeting End Time	6/19/2021, 3:00:18 PM				
Debug Id	0f6b2be3-a92b-483c-a816-ce808b960a51				
Full Name	Join Time	Leave Time	Duration	userPrincipalName	Role
B. Rama Krishna	6/19/2021, 1:38	6/19/2021, 3:00:18	1h 21m	rkboni@gecgudl	Organize
18485A0207	6/19/2021, 1:43	6/19/2021, 2:21:39	37m 44s	18485A0207@g	Presente
18485A0240	6/19/2021, 1:44	6/19/2021, 2:59:17	1h 15m	18485A0240@g	Presente
17481A0214	6/19/2021, 1:45	6/19/2021, 3:00:18	1h 14m	17481A0214@g	Attendee
17481A0291	6/19/2021, 1:46	6/19/2021, 2:59:26	1h 13m	17481A0291@g	Presente
17481A0218	6/19/2021, 1:46	6/19/2021, 2:08:59	22m 35s	17481A0218@g	Presente
17481A0218	6/19/2021, 2:11	6/19/2021, 2:59:39	48m 35s	17481A0218@g	Presente
18485A0213	6/19/2021, 1:46	6/19/2021, 2:13:08	26m 42s	18485A0213@g	Presente
17481A02B4	6/19/2021, 1:46	6/19/2021, 2:58:11	1h 11m	17481A02B4@g	Presente
18485A0248	6/19/2021, 1:49	6/19/2021, 1:53:01	3m 51s	18485A0248@g	Presente
18485A0248	6/19/2021, 1:54	6/19/2021, 2:03:05	8m 53s	18485A0248@g	Presente
18485A0248	6/19/2021, 2:04	6/19/2021, 2:59:14	54m 44s	18485A0248@g	Presente
18485A0205	6/19/2021, 1:50	6/19/2021, 2:39:36	49m 23s	18485A0205@g	Presente
17481A0257	6/19/2021, 1:50	6/19/2021, 1:54:31	3m 40s	17481A0257@g	Attendee
17481A0257	6/19/2021, 2:15	6/19/2021, 3:00:18	44m 26s	17481A0257@g	Attendee
17481A0232	6/19/2021, 1:51	6/19/2021, 1:56:35	5m 2s	17481A0232@g	Presente
17481A0232	6/19/2021, 2:01	6/19/2021, 2:08:49	7m 22s	17481A0232@g	Presente
17481A0232	6/19/2021, 2:24	6/19/2021, 2:30:09	5m 16s	17481A0232@g	Presente
18485A0203	6/19/2021, 1:52	6/19/2021, 2:38:50	46m 11s	18485A0203@g	Presente
17481A0258	6/19/2021, 1:52	6/19/2021, 1:55:59	3m 16s	17481A0258@g	Presente
17481A0258	6/19/2021, 2:31	6/19/2021, 2:47:51	16m 39s	17481A0258@g	Presente
kbc	6/19/2021, 1:53	6/19/2021, 1:53:36	31s		Presente
17481A0266	6/19/2021, 1:53	6/19/2021, 3:00:18	1h 6m	17481A0266@g	Attendee
18485A0223	6/19/2021, 1:53	6/19/2021, 2:00:25	6m 50s	18485A0223@g	Attendee
18485A0223	6/19/2021, 2:03	6/19/2021, 3:00:18	56m 40s	18485A0223@g	Attendee
kbc	6/19/2021, 1:53	6/19/2021, 1:57:41	3m 56s		Presente
17481A0202	6/19/2021, 1:54	6/19/2021, 2:59:25	1h 4m	17481A0202@g	Presente
17481A0238	6/19/2021, 1:54	6/19/2021, 2:02:06	7m 15s	17481A0238@g	Presente
17481A0238	6/19/2021, 2:06	6/19/2021, 2:26:51	20m 39s	17481A0238@g	Presente
17481A0207	6/19/2021, 1:54	6/19/2021, 2:46:52	52m 1s	17481A0207@g	Presente
B. Dasu	6/19/2021, 1:59	6/19/2021, 2:04:39	5m 15s	dasubutti@gecg	Presente
17481A02A7	6/19/2021, 1:56	6/19/2021, 2:14:31	18m 29s	17481A02A7@g	Presente
17481A0276	6/19/2021, 1:56	6/19/2021, 3:00:18	1h 4m	17481A0276@g	Attendee
17481A02A2	6/19/2021, 1:56	6/19/2021, 2:59:03	1h 2m	17481A02A2@g	Presente
17481A0297	6/19/2021, 1:58	6/19/2021, 2:59:48	1h 1m	17481A0297@g	Presente
17481A0217	6/19/2021, 1:58	6/19/2021, 2:29:45	30m 59s	17481A0217@g	Presente
18485A0233	6/19/2021, 1:58	6/19/2021, 2:59:08	1h	18485A0233@g	Presente
kbc	6/19/2021, 1:59	6/19/2021, 1:59:59	35s		Presente
sindhu (Guest)	6/19/2021, 2:02	6/19/2021, 2:59:12	56m 59s		Presente

PROGRAM REPORT

Name of the Program : A one day guest lecture on “Opportunities on the core side in UK”

Dates : 19th June 2021

Details of the Resource Person : Mrs.K.Sindhu,
Senior Infotainment Project Engineer, McLaren, London
Phone number : +447587650973

Objective of the Program:

- To highlight the range of career opportunities available in the field of electrical engineering in the UK, including both technical and non-technical roles.
- To discuss the key skills and competencies that are required to succeed in the field of electrical engineering in the UK, such as problem-solving, communication, teamwork, and adaptability.

Outcomes of the Program:

- Greater knowledge of the range of career opportunities available in the field of electrical engineering in the UK, and the skills and competencies required to succeed in these roles.
- Enhanced awareness of the education and training pathways available to enter and progress in the field of electrical engineering in the UK, as well as the importance of ongoing professional development and industry certifications.

No. of Participants : 81

Concluding Remarks : The speaker also discussed the importance of staying up-to-date with the latest developments and trends in the field, highlighting the need for ongoing professional development and education. Finally, the speaker emphasized the importance of networking and building connections within the industry to maximize career opportunities.


Coordinator


HoD, EEE



GUDLAVALLERU ENGINEERING COLLEGE
SESHADRI RAO KNOWLEDGE VILLAGE::GUDLAVALLERU
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Awareness Program on “Opportunities on the CORE side in UK” (19-06-2021)

Awareness Program
on
Opportunities on the CORE side in UK



Heartly Welcome to Resource Person

Mrs. K.SINDHU
Senior Infotainment project Engineer
McLaren company London

Organized by
Department of Electrical & Electronics Engineering
GUDLAVALLERU ENGINEERING COLLEGE
(An Autonomous Institute with Provisional Affiliation to JNTU, Nellore)
Seshadri Rao Knowledge Village, Gudlavalluru 521 86, Krishna Dist. A.P.
(Approved by AICTE, New Delhi, Accredited by NIRA & NAAC with 'A' Grade)



The Department of EEE is organizing an Awareness Program on “**Opportunities on the CORE side in UK**” by Mrs. K.SINDHU Senior Infotainment project Engineer in McLaren company in London, from 2.00 P.M to 4.00 P.M on 19-6-2021 to IV - B. Tech Students in association with IE Student Chapter. This event was coordinated by the faculty member Sri.B.Rama Krishna. In this pandemic situation for inspiring the young engineers produced in our organization the Awareness Program was conducted through online mode in Microsoft Teams platform. Around 81 members of and IVth B.Tech attended the Awareness Program with the topic. Students had taken part enthusiastically and inter acted well. The students are enlightened by the lecture delivered on Opportunities on the CORE side in UK and it will help them to excel in their future studies and job opportunities in UK.


Coordinator

Sri.B.Rama Krishna


HOD - EEE

Dr.B.DASU