IIC ACTIVITY REPORT

On

"Online Repository of proof of Concepts Developed and Way Forward Plan"

(13th January 2022)

Organized by

The Institution's Innovation Council (IIC)

&

Department of Electronics & Communication Engineering

Jain Institute of Technology Davanagere

Chief Editors

Dr. Ganesh DB

Dr. Santosh Herur

Editor

Prof. Shrikant M B

1.WORKSHOP DETAILS

1.1 DETAILS

Title:"**ONLINE REPOSITORY OF PROOF OF CONCEPTS DEVELOPED AND WAY FORWARD PLAN**"

Duration:One Day (13thJanuary2022)

Platform: Online (Google meet)

Speaker:Mr. Ravi Naik

No. of participants:101

1.2 OBJECTIVES OF IIC ACTIVITY

The Ministry of Human Resource Development (MHRD) Govt. of India has established MHRD's Innovation Cell (MIC)" to promote Innovation amongst all Higher Education Institutions (HEIs). The MHRD"s Innovation Cell supports the creation of "Institution's Innovation Council (IICs)" that would inspire and nurture young students to promote innovation in the Institution and around the campus. In view of the same, the college has formed the "Institution's Innovation Council" of Jain Institute of Technology Davanagere in 2019.

1.To Develop Online Repository of Ideas

2.Create a repository of Innovative Ideas by Students

3.Online Repos: What's Git ?

1.3 OUTCOME OF WORKSHOP

Students should be able to

1. It makes it easy to contribute to your open-source projects

2. Documentation

By using GitHub, you make it easier to get excellent documentation. Their help section and guides have articles for nearly any topic related to git that you can think of.

3. Showcase your work

GitHub is the best tool you can rely on for this. Today, when searching for new recruits for their project, most companies look into the GitHub profiles. If your profile is available, you will have a higher chance of being recruited even if you are not from a great university or college.

2. RESOURCE PERSON.

Mrs. Ravi Naik is an Technical specialist**, Robert Bosch Engineering Bangalore** :

Having 10+ years of experience in the field of embedded softwaredesign and development for multiple complex applications.Key strengths include extensive experience in developingEmbedded Applications and Device drivers for ARM platforms andinterfaces, experience in working with UK, US and Japanese andGerman clients

1) Technical specialist Engineer in Robert Bosch Engineering Bangalore.
2) Lead Engineer for Infotainment device UDS SW for production
3) Development of library to evaluation of best UI for Embedded Application
4) Extensive knowledge on industrial process on SW development
5) Part of Team for Porting RTOS for Robotic application Home Appliance
6) Lead Engineer for developing EV changer based on IEC standardapplication stack (CHAdeMO) for Fuji Electric Corporation.
7) Application development and porting CANopen Node Stack on DSPprocessors for Analog Devices.
8) Zigbee protocol stack development on STM32w108 for ST MicroElectronics.
9) CAN stack implementation for EV changer application on AM335x.
10) Data Acquisition Module for custom data analysis in industrial automationpurpose.
11) Wireless Automatic Meter Reading product development using M-Busprotocol and Microchip devices.