



Gandhinagar Institute of Technology

A Report on
“Online expert talk on Embedded System in IOT”
5th March 2022

Event Overview:

The GITAA Talk webinar on “Embedded System in IOT” was organized on 5th March 2022 at Gandhinagar Institute of Technology by GITAA Cell. The session was organized for the students of EC and EE with the permission of Dr H N Shah, Director. The webinar was organized to motivate and educate the participants about the career development in Embedded & success story of alumni.

Objective:

The main objective behind this GITAA talk was to provide the knowledge to the students about the embedded system in IOT at industry level. Also by means of this session students got the process how to crack the interview process. This expert talk was useful to facilitate the alumnus who have excelled in performance in Embedded Field in order to motivate and guide current students of GIT.

Activities during the event:

Under the banner of Gandhinagar Institute of Technology Alumni Association (GITAA), GIT – EC has invited his alumnus Mr. Darshan G Shah of batch 2009-2013 on 05-03-2022. Currently he is working as Senior Embedded Software Engineer (Level 2), at EInfochips, Ahmedabad. He had explained about embedded system, IOT system, type of IOT connectivity etc. He had thrown a light on his journey from BE EC to this corporate world. He also emphasized on positive attitude, self-belief and benefits of team work over individual work. He had explained how to get selected in a technical firm with proper interview etiquettes and skills. He concluded his discussion by explaining the employer needs from the students.

Outcomes of the event:

The Alumni Talk has facilitated interactions with alumni regarding career development, ability needed for grasping better opportunities and enhancing technical skills. The students were very enthusiastic to know about the experiences of the alumni in the outer world.

Feedback from students:

I am very thankful to the GITAA for inviting Mr. Darshan G Shah for Alumni Talk at GIT. I came to understand the importance of programming in Embedded System.

- Pati Priti Pradeepkumar

8th EC (180120111006)

I am very happy that GITAA has organized such Alumni Motivational Expert Talk where we can interact with successful alumni of GIT and get motivated. I hope to see such kinds of more interaction from the Alumni member of GITAA.

- Tharakan Sreeraj Sailarajan

8th EC (180120111010)

Feedback from faculty:

The session was wonderful and interactive. Our current students are really encouraged by the journey and experiences of the alumni.

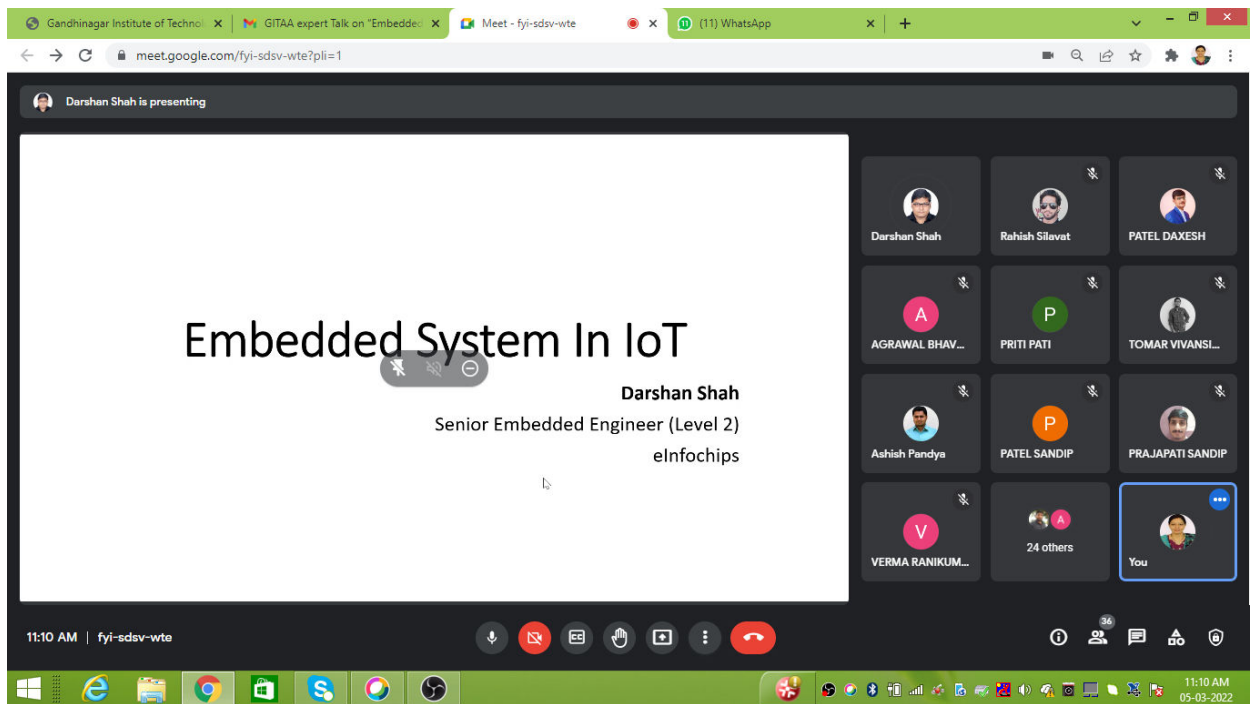
- Prof. Rahish.Silavat
Asst. Prof, EE Department

Feedback from Alumni Expert:

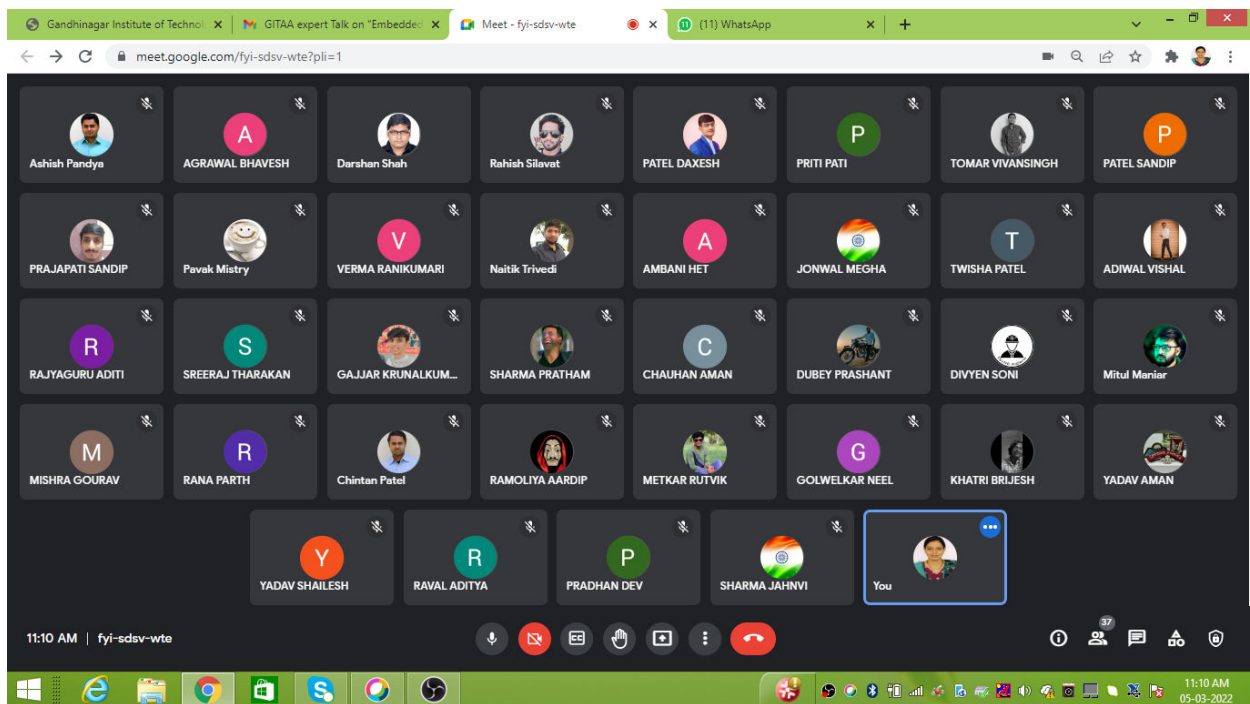
I am thankful to GIT for inviting me to share my experiences and meet my faculties again. I hope that students will get inspired from my journey and become more focused towards their career goal. It was such a good interaction with the young engineers. I would be very happy to help the students in future also.

- Mr. Darshan G Shah
Senior Embedded Software Engineer (Level 2), at EInfochips, Ahmedabad.
Contact No: 8866326918
Email: dg.shah1991@gmail.com

Event Photo Gallery:



Mr. Darshan G Shah explaining to the audience



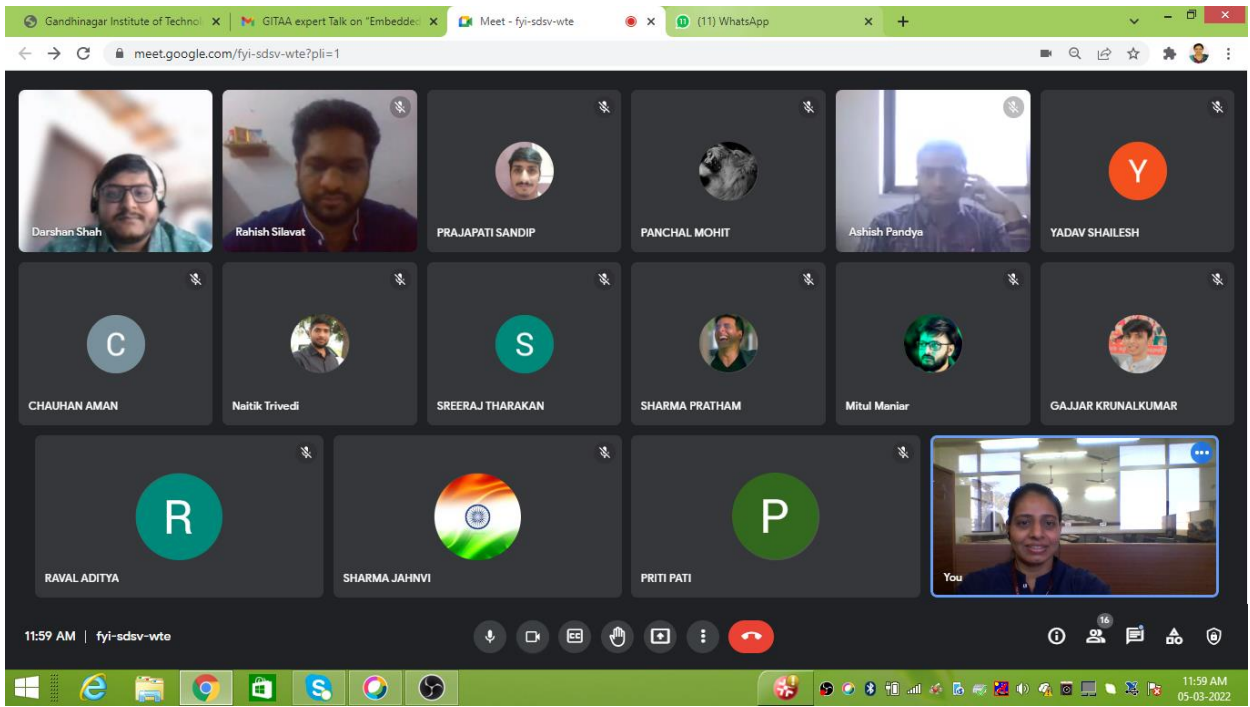
All Participants listening to the speaker

The screenshot shows a Google Meet window with a presentation slide. The slide title is "What's Embedded System in IoT?". Below the title, a blue box contains the text: "An embedded system in IoT is still an embedded system with having internet". To the right of the text is a diagram illustrating the IoT architecture. The diagram shows a central "Embedded System" box containing "Microcontroller" and "IPV6 Address". This system is connected to "Peripheral Hardware" (Sensors, Actuators, Drivers) and "Level Networks" (LAN, WAN, GPRS, GSM, 3G, 4G). The system is also connected to "Other Devices" and the "Internet". Below this, a section titled "Internet of Things (IoT)" shows a "Memory mapped IO" block connected to a "Microcontroller" (with examples: 8051, 18F452, ATMEGA 168, 68HC11). The microcontroller is connected to "Sensors" (Temperature, Humidity, Light, Ultrasonic, Sonar) and "Input" (Buttons, Keypad, Touch). It also controls "Output" (LED, Buzzer) and "Display Unit" (Segment Display, LCD, Graphical Display).

Mr. Darshan G Shah explaining about Embedded System in IOT to the audience

The screenshot shows a Google Meet window with a presentation slide. The slide title is "Career Opportunity in IoT". Below the title, there is a list of six career opportunities in blue boxes: "UI Development", "Device & Hardware", "IoT Device Security", "Network & Structure", "Data Analytics", and "Cloud and mobile application". To the right of the slide is a grid of participant avatars, including Darshan Shah, Rahish Silavat, CHAUHAN AMAN, JONWAL MEGHA, PRITI PATI, YADAV SHAILESH, PRAJAPATI SANDIP, Ashish Pandya, SREERAJ THARA..., Naitik Trivedi, and 8 others.

Mr. Darshan G Shah actively sharing career Opportunity in IOI to the audience



Group photo of all the participants