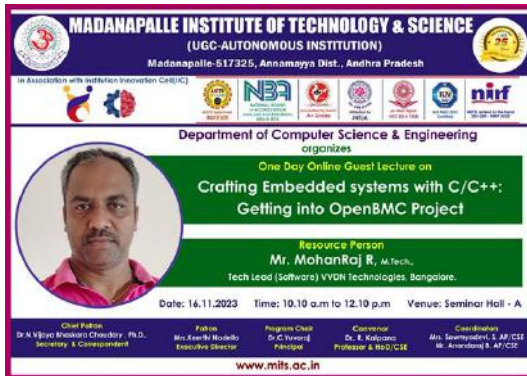


**A Report on Guest Lecture titled**  
**“Crafting Embedded Systems with C/ C++: Getting into Open BMC Project”**  
**Organized by Department of Computer Science & Engineering**  
**in association with Institution Innovation Cell (IIC)**  
**Date: 16.11.2023**



**Participants:** III Year B. Tech Sec B & C – Computer Science & Engineering Students – MITS  
**Submitted by:** Mrs. S. Sowmyadevi M.E., Assistant Professor, Mr. B. Anandaraj M. Tech., Assistant Professor, Department of Computer Science & Engineering.  
**Resource Person:** Mr. Mohanraj R, M. Tech., Tech Lead (Software)VVDN Technologies, Bangalore  
**Mode of Conduct :** Online  
**Report received on 22.11.2023**

The Department of Computer Science & Engineering (CSE), in collaboration with the Institution Innovation Cell (IIC), organized a guest lecture titled 'Crafting Embedded Systems with C/C++: Getting into Open BMC Project' at the MITS campus on November 16, 2023. The objective was to furnish students with a learning platform and hands-on activities. The event commenced with an inauguration in Seminar Hall A at 10:10 AM, with the participation of 110 attendees.

#### Topics for the session

- Role of C/C++ in Embedding Systems
- Wide Opportunities in IT industry (IoT)
- Benefits of C++ in embedded systems
- Open BMC Project
- Git Open-source Programming Tool

#### Inauguration:

The inaugural session started at 10:10 AM in Online Microsoft Teams. Convenor Dr. R. Kalpana, Professor & HOD of Computer Science & Engineering had given a warm welcome and invited our Chief Guest. Event Coordinator Mrs. S. Sowmyadevi M.E., Assistant Professor, gave the Welcome Address and briefed about this event, and handed over the session to our ChiefGuest, Mr. Mohanraj R, M. Tech., Tech Lead (software) VVDN Technologies, Bangalore,.

Dr. R. Kalpana Professor & HOD was requested to address the gathering. She addressed the students, emphasizing the significance of current technologies and urging them to acquire a thorough understanding for employment opportunities and success. Dr. Kalpana expressed gratitude to the organizers for arranging the Guest Lecture.

Mr. Mohanraj R, M. Tech., Tech Lead (Software) at VVDN Technologies, Bangalore, provided a concise introduction to Embedded Systems with C/C++ and elucidated its diverse opportunities in the realm of IoT. He outlined the language's relevance in embedded systems and identified key topics crucial for proficiency in this field. He demonstrated how the Git Version control tool and given a brief note on Learning Git can increase your efficiency as a software developer and improve your ability to manage complex projects. Then he explained about QEMU (Quick Emulator) is a free and open-source emulator, given a demo of C++ Application in Open BMC Project using this QEMU.



Mrs. S. Sowmyadevi M.E., called Mr. B. Anandaraj, M. Tech., Event coordinator for delivering the vote of thanks at 12:10 PM.

**Vote of Thanks:**

Mr. B. Anandaraj M.Tech., Assistant Professor proposed a vote of thanks. He thanked HOD and event Chief Guest Mr.Mohanraj R, M.Tech.,Tech Lead (Software)VVDN Technologies, Bangalore for delivering a topic. He thanked the students. And he extended his thanks to the Principal, and the Management for their support to conduct the guest lecture.

