

## Report on the visit of Prof. Cédric Bornand- Switzerland

1. Prof. Cédric Bornand working in the Reconfigurable & Embedded Digital Systems (REDS) Institute of the HEIG-VD, Switzerland visited MITS on 27th October 2023 and discussed with the administrators about the opportunities in Switzerland. His profile was introduced to all the administrators by Mrs. Vijaya Lakshmi-Senior Manager- IRO.

**Profile:** Cédric Bornand is a graduate of the Ecole Polytechnique Fédérale de Lausanne. He has worked in electronic miniaturization and sensor development for the companies Valtronic SA and Access Sensors SA, as well as at the Australian National University, neuroscience laboratory. Currently he is a professor in the **Reconfigurable & Embedded Digital Systems (REDS) institute**, which is attached to the Department of Information and Communications Technology (ICT) of the HEIG-VD, Switzerland. He is an expert in high-performance embedded systems.

At the outset, he gave a presentation about his university and enabled the administrators about the importance of embedded systems in the real life. The significance of Embedded Systems is to design the latest electronic gadgets and applications, which needs the knowledge of hardware and software techniques. He also has given insights about the researches that are happening in the industries in Europe. He further enabled about the higher studies and job opportunities in Switzerland and European countries. He informed all about his joint collaborative activities with Prof. Goutam Chakraborty. Later he met the heads of the departments and discussed with them about the forthcoming conference. After completing the discussions, Prof. Cedric Bornand visited all the laboratories and facilities in MITS on his campus tour.

He expressed his readiness to mentor 2 students to do research internship with him in the joint academic project taken by Prof. Goutam Chakraborty and himself. With the inputs given by Prof. Goutam Chakraborty he selected 2 students from Computer Science & Engineering Department for mentoring them in their joint research program. Further, Mr. Sine Nitesh and Mr. Venkata Puneeth Chowdary Gangarapu expressed their willingness to work virtually along with Prof. Cedric Bornand.

