Mangalore University

(Accredited by NAAC with A)
Department of Electronics,

In association with
IBM India Pvt. Ltd and Nihon Communication Solutions Pvt. Ltd

IBM

National Workshop on Internet of Things-2018
16th - 18th, April, 2018

About the Workshop

This workshop is aimed at inculcating the practical skills in the participants on the emerging field of technology, namely IoT. The 20th century belonged to the internet of computers, as per the industry forecast, the 21st century belongs to the internet of Things, where every possible entity like people, machines, vehicles, manufacturing plants, houses, offices, hospitals, roads are connected in cloud, with abilities to share information and leading to smart systems. This workshop is designed with the detailed discussions and hands-on training on various kinds of Sensors, Embedded Processors, WiFi, Python, Linux and the Cloud.

Visit www.electronicsmu.com for registration.

About the University

Mangalore University campus located at the picturesque hillock, spread over 350 Acres of land at mangalagangothri located 20 km to the south east of the historic coastal town of mangalore, set the tone for the educational endeavors of the three districts under the jurisdiction of the university. It is a pleasing campus and grew out of a modest post graduate center of the university of mysore to become the focal point of an independent university in 1980. The university has 25 post graduate department in the campus with 208 affiliated colleges/ institutions. The university has two a PG center at chikka aluvara, kodagu district. The university also has constituent colleges, 4 law colleges, 18 education colleges and 5 autonomous colleges. The university receives financial support from different funding agencies for the 29 ongoing research projects. The university (accredited by NAAC with 'A' grade) has excellent infrastructure facilities like university library, Mangala auditorium, cyber lab, sports facilities, hostels for men and women. University is ranked 24 among top 50 universities in terms of publications output. There are national research facilities namely microtron center, ocean and atmospheric science and technology cell, PURSE, CARRT, CARER. University has 19 endowment chairs on areas like Banking, Rural development, yoga, environment, literature, fine arts, culture, region and regional languages.The university collaborates with several premier national and international institution.

About The Department

Department of Electronics is located in the strategic place near Konaje between Deralakatte and Mudipu. The former is known for educational institutions, hospitals and the latter for the IT giant, Infosys. With an objective to impart quality education and training in the latest areas of Electronics, this vibrant and young department of Mangalore University is gearing up to reach out to the enthusiasts all over the nation. With central facilities on the latest technologies like Internet of Things(IoT) and Cloud based systems in association with IBM, we are trying to cater to the IT needs of the job aspirants in the areas like Embedded Systems, Internet of Things, Cybersecurity, Banking Informatics and Data Science to just a name a few. At one side university administration is busy bringing more funds and industry players to create a high tech educational ecosystem, at the other side the staffs and students are busy doing research in areas like Embedded systems, Nanotechnology etc. With research funds from various funding agencies running upto some crores of rupees, this forward looking department is the place for you to invest your time in. The department has one of most vibrant list of alumni who are placed in companies like Infosys, Intel, Qualcomm, NXP semiconductors, WIPRO, BOSCH, MindTree, CISCO and most importantly entrepreneurs like the founders of ChipLogic Semiconductor Technologies (www.chiplogictech.com), Muguli(www.meltech.in), SMARTAUTO software solutions (www.smartautosoft.com), etc.

VENUE : 1. **Department of Electronics,** Mangalore University, Mangalagangothri-574199.
2. **Mangala Auditorium,** Mangalore University, Mangalagangothri-574199.

Registration: Visit www.electronicsmu.com for registration.

UG/PG students/Researchers/academicians/Industry persons can register

Registration Fees: Industry Persons Rs. 3000/-

Academicians - Rs. 2000/-

Researchers   - Rs. 1500/-

Students   - Rs. 1000/-

Notice : Registration fee of the first five students from B.Sc stream is borne by the organiser.

Accommodation will be provided to the outstation candidates with additional charges. Contact Dr. Ravi S, 9916284812, , email at mu.dept.electronics@gmail.com

Last Date for Registration : 09-04-2018 12 -04-2018 .

Seats Limited to 50. Admission on the basis of First come First serve scheme, and the confirmation is done through mobile / e-mail. Visit www.electronicsmu.com for registration.

About the Speakers

Day1:   Inauguration by Shri Vasudev Kamath,

Associate Vice President & Head of Mangalore Center, Infosys.

Keynote address by Prof. Natarajan, Aerospace department, Jain University

Topic: "Smart sensors and IOT Applications"

Day2:   Dr. K. S. Shivaprakasha, N.M.A.M. Institute of Technology, Nitte, Udupi Dist

Topic: "Energy Efficient data communication in Wireless Sensor Network"

Day3:   Skype session by Deepak Rai, Senior Technical Specialist for IBM Watson and Cloud Platform.

Topic: "Cloud solutions for IoT"

Topics to be covered   • Handling Sensors like DTH11

• NodeMCU

• Arduino UNO

• Raspberry Pi

• Python

• Linux commands

• Cloud and the Dashboard

Committees

Chief Patron	:	Prof. K. Byrappa, Hon'ble Vice chancellor, Mangalore University
Patron	:	Prof. B.S.Nagendra Prakash, The Registrar, Mangalore University
Convenor	:	Prof. Naveen Kumar S.K, Chiarman, Dept. of Electronics, Mangalore University
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