COVERAGE

- Cloud Computing Basics
- IoT Basics and Aadhar API's
- Google Form, Slides, Spreadsheet with SQL
- Codenvy and Google-App-Engine
- Adobe PhoneGap, Chrome Developer Tools, MIT App Inventor
- Facebook, LinkedIn, Google Maps API's
- Virtualization of Cloud, VM of CloudEra
- Private Cloud Setup
- Installation of Arduino & working with Arduino Cloud
- IoT Hands-on using Arduino and various sensors using Bluetooth & Wifi
- Working with Thinkspeak API
- Real-time data analytics using IBM Watson APIs
- Visual Recognition using Rasberry Pi3 and IBM Watson
- Introduction to Robots and Drones
- IoT Research and Innovation

PATRONS

Rev. Fr. Kinley D'Cruz ~ Director, DBCE
Dr. Neena S. P. Panandikar – Principal, DBCE
Dr. Shrikant B. Vanakudre – Principal, SDMCET

TECHNICAL ADVISOR

Dr. S. M. Joshi, HoD, Dept of CSE, SDMCET
Dr. J. D. Pujari, HoD, Dept of ISE, SDMCET

TARGET AUDIENCE

- Faculty from University/College
- Government Officers /Scientists
- Industry Professionals/Consultants
- Research scholar and Students

REGISTRATION

- Faculty from University/College, Government Officers, Scientists, Industry Professionals, Consultants : Rs. 3000/-
- Research Scholar and Students: Rs. 2500/-

Registration fee includes Workshop Kit, Certificate of Participation, Breakfast/Lunch/Tea.

LAST DATE OF REGISTRATION 15th DEC 2016

Kindly download the registration form from www.dbcegoa.ac.in and send the scanned forms at comp.dbcce@gmail.com

ADDRESS FOR COMMUNICATION

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One Week TEQIP II
Sponsored ISTE Workshop on

"IoT with Cloud"

(Approved by Indian Society for Technical Education, New Delhi)

Organised by
Department of Computer Engineering,
Don Bosco College of Engineering,
Fatorda, Goa

In association with
SDM College of Engineering & Technology,
Dharwad, Karnataka

On 2nd to 6th January, 2017

Venue: DBCE, Goa

ABOUT DON BOSCO COLLEGE OF ENGINEERING

Don Bosco College of Engineering (DBCE) Fatorda, managed by the Fatorda Salesian Society was started in the year 2011 with the mission of educating the younger generation with the technical knowledge, moral and spiritual approach to life to face global changes. It has been approved by DTE, Government of Goa, AICTE, New Delhi and is affiliated to Goa University. The college within a span of five and half years, has carved a niche for itself by imparting high quality engineering education in the state, entrepreneurial skill development, staff welfare and empowerment, strengthening Industry-Institute interaction, infrastructure and service to society. The college has E-Cell under Centre for Incubation and Bussiness Acceleration (CIBA) Goa. The college has taken initiatives for community development by organizing career guidance seminars, project exhibition etc, for school and higher secondary students.

DEPARTMENT OF COMPUTER ENGINEERING

The Department of Computer Engineering was established in the year 2011 with an aim to make contributions towards student community in particular, and society as a whole by providing a stimulating research environment complemented by quality teaching in the field of computer science. Apart from the curriculum, the department has actively organized lectures for its students on various technical as well as non-technical topics which are delivered by professionals from the industry as well as teaching faculty. The department is also actively involved in organizing workshops, seminars, field-visits, project tours, aptitude training programs for the benefit of students and faculty members. The department has excellent infrastructure with state of art equipment and software tools. We conduct Online Entrance Tests for various government/non-governmental organizations in co-ordination with TCS. The Department has student chapters: C-Codes and Goa Android User Group which is actively involved in student development through internship programe of 1 month and providing placement for 90% of eligible students annually.

ABOUT SDM COLLEGE OF ENGINEERING & TECHNOLOGY

Shri Dharmasthala Manjunatheshwara College of Engineering & Technology, Dharwad was established in the year 1979 under the flagship of SDME Society and has grown into one of the nationally acclaimed premier engineering institutions of the country. Institution has been consistently rated high, ranking within 50, amongst private engineering colleges of the country. Due to its commendable achievements over a period of time, this college has been accredited twice by the National Board of Accreditation (NBA). It has also been conferred with autonomous status by Visvesvaraya Technological University (VTU), Belgaum & University Grants Commission, New Delhi. It is also one of the very few private engineering colleges in the country, selected for Technical Education Quality Improvement Programme (TEQIP) By World Bank. The institution is offering 7 UG and 8 M.Tech programs plus an MBA program. All the UG courses are enjoying autonomy. Placement activities are in full swing and leading companies approach College for recruitment every year and nearly 90% of the eligible students get placed annually.

RESOURCE PERSONS

Dr. Sangappa Birudar
Professor, SDMCET Dharwad

Dr. Vandana S Bhat
Assistant Professor, SDMCET Dharwad

Dr. Ravindra Dastikop
Assistant Professor, SDMCET Dharwad

Mr. Pravin Hanchinal
Co-Founder and CEO at INWHIZZ IT Innovations Pvt. Ltd.

Mr. Mayur Patil
Assistant Professor, SDMCET Dharwad

Mr. Govind Negalur
Assistant Professor, SDMCET Dharwad

ABOUT THE WORKSHOP

Internet of Things (IoT) is a novel design paradigm, envisioned as a network of billions or trillions of machines communicating with one another and rapidly gaining global attention from academia, industry, and governments. IoT is recognized as one of the most important areas of the future Internet, enabling ubiquitous computing among global networked machines and physical objects.

IoT is a highly distributed and ubiquitous network of seamlessly connected heterogeneous devices that can be fully integrated into the current Internet and mobile networks. Thus, it allows the development of new intelligent services available anytime, anywhere, by anyone and anything.

Building IoT solutions involves solving challenges across a wide range of domains. Cloud Platform brings scale of infrastructure, networking, and a range of storage and analytics products you can use to make the most of device generated data.

This workshop aims at providing a forum for researchers in academia and industry to present early research outcomes that present an added value to the state of the art of IoT with cloud.