Two Weeks Technical Workshop on IoT

Internet of Things, popularly recognized as IoT, is an emerging technology with high placement opportunities in coming years. IoT is forecasted to be one of the fastest growing industry by 2020. Perceiving the employment benefits of students, School of Computer Science & IT in association with Career Bloom Pvt. Ltd. is organizing **Two Weeks Technical Workshop on IoT** from **17th to 27th May, 2017**.

Registration Form

1. Name :………………………………………….
2. Course Pursuing :………………………………….
3. Semester / Year:………………………………….
4. College:………………………………………….
5. Date of Birth:………………………………….
6. Contact No:………………………………….
7. Address:………………………………………….
8. Email ID:………………………………….
9. **Fee Details:**
   Rs 2100.00 for Devi Ahilya Vishwavidyalaya, UTD Students / Faculty.
   Rs 2600.00 for others.

LIMITED SEATS – Registration will be on first come first serve basis.

Payment can be made through DD in favour of:
Career Bloom Pvt. Ltd.
DD No:………………………Amount:……………………….
Date:………………………..Bank:…………………………..

OR

You may directly deposit into bank account, details are:
Name of Account Holder:
Career Bloom Pvt. Ltd., Indore
Name of Bank:
Punjab & Maharashtra Co-operative Bank Ltd.
Branch: Ashok Nagar, Bhanwar Kua Main Road, Indore
Account type: Current Account
Account No : 571110100000029
IFS Code : PMCB0000571

NOTE: Please deposit the fee receipt & show ID card at the Registration Desk on 17th May, 2017. Also mail the filled Registration Form & scanned copy of fee receipt or UTR No. compulsorily to:
projects@careerbloom.co.in
and
shraddhamasih@gmail.com

Topics to be covered:

1. IoT Overview
2. Architecture Overview
3. Sensors and Actuators
4. Python, Java & IoT
5. Web Services
6. Micro controllers Basics & Interfaces
7. MQTT
8. Non Relational Database
9. IoT Platform Osmosis
10. ThingWorX (Introduction)

Workshop Schedule:

Dates:
17th to 27th May 2017
Timings:
10:30 to 12:30 – Session 1
12:30 to 1:15 - Lunch Break
1:15 to 3:15 - Session 2
3:15 to 3:30 - Tea & light snacks
3:30 to 5:30 - Session 3

Committees:

Patron:
Dr. N.K. Dhakad
Hon'ble Vice Chancellor, DAVV, Indore
Advisory Committee:
Dr. Sanjay Tanwani, Professor & Head, SCSIT
Mr Ramandeep Singh Saini, MD, Career Bloom
Mr Amandeep Singh Saini, Director, Career Bloom
Convenor:
Dr. Shraddha Masih, Reader, SCSIT – Convenor
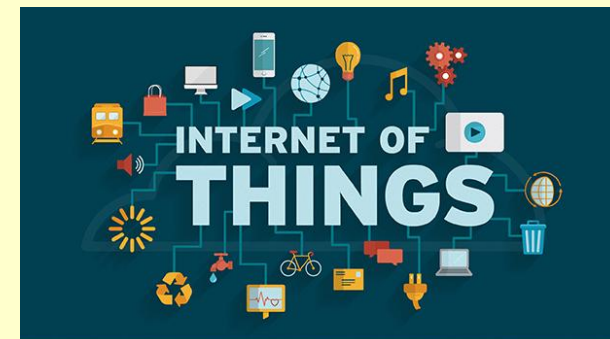Dr. Shweta Agrawal, Lecturer, SCSIT –Co-convenor
Organizing Committee:
Dr. Ugrasen Suman
Dr. Preeti Saxena
Dr. Archana Choudhary
Mr Bhushan Bhopatkar, Project Head, Career Bloom
Mr Prakash Dongre, Sr.Mgr.Operations Career Bloom
Ms Aashi Jain, Manager, Career Bloom
Mr Anand More
Mr Pankaj Jagtap
Ms Sunita Gaur
Ms Tarjani Sevak
Ms Deepika Rai
Mr Shantilal Dawar
Mr Himansukamal Verma
Mr Javed Khan

Devi Ahilya Vishwavidyalaya, Indore
School of Computer Science & IT
in association with
Career Bloom Pvt. Ltd; Indore
Is organizing

Two Weeks Workshop on
INTERNET OF THINGS (IoT)

Dates:
17th to 27th May 2017

Time:
10:30 a.m. to 5:30 p.m.

Venue:
School of Computer Science & IT
DAVV, Takshashila Campus, Khandwa Road, Indore

Last Date for Registration is 13th May 2017.

The Institute:

The School of Computer Science & IT (SCSIT), DAVV was established in 1986. The department since then has endeavored into

promoting technical education and research in the important and fast growing branches of information technology. It is an autonomous department under Devi Ahilya Vishwavidyalaya (A Grade University of Central India) with its goal set to produce computer science specialists to meet the global challenges. Our department is one of the pioneers in the central region to start computer science education.

About Career Bloom:

Career Bloom Pvt. Ltd. is a comprehensive and credible resource center for Career Planning and International Education, run by highly qualified and experienced education professionals. We are exclusively tied-up with various national & international leading education companies to offer multiple educational and training services to the community.

Career Bloom Pvt. Ltd.
2nd Floor Navrang Plaza, 35 Sneh Nagar, Sapna Sangeeta Road, Indore
Phones: 0731-4248100, 9522244779-80

Motivation:

Vision of SCSIT is "To achieve excellent standards of quality education by keeping pace with rapidly changing technologies & create computer professionals of global standards with capabilities of accepting new challenges." SCSIT not only focus on imparting technical education to students but all round development of students that can meet the industry's expectations. To improve employability of students and to make them industry ready it has become a necessity to acquire extra skills and certification. Thus, School of Computer Science & IT, DAVV joined hands with Career Bloom Pvt. Ltd. to start skill oriented programs on IoT.

Workshop Introduction:

The Internet of Things or IoT refers to the devices (or things) that are connected through the Internet. It allows devices to communicate with each other, access information on the Internet, store and retrieve data, and interact with users. It's a global infrastructure where physical and virtual objects are linked using network communications. It creates smart, pervasive and always-connected environments. Internet of Things represents the next evolution of the Internet which has ability to gather, analyse, and distribute data that we can turn into knowledge. IoT is forecasted to be one of the fastest growing industries by 2020. As IoT grows, we are going to see a commensurate growth in the number of jobs needed in this new marketplace.

Two Weeks Workshop on Internet of Things (IoT) is a combined initiative of School of Computer Science & IT, DAVV, Indore and

Career Bloom Pvt. Ltd. Indore. This workshop expects to promote an IoT ecosystem, which is vibrant & at the same time innovative. Career Bloom is providing experienced experts from the Industry, who will train students / faculty.

The workshop is expected to open doors of opportunity in IoT related fields.

Objectives:

- Train students on fundamentals of IoT paradigms.
- Provide an exposure to IoT development environment and hands on exercises.
- Motivate participants to design and develop prototype IoT applications.
- Facilitate career opportunities for students in IoT field.

Outcomes:

It is expected that student will be able to learn:
- Introductory concepts of IoT & related devices. Programming environments for developing IoT applications.
- Practical aspects of developing real-life projects.

Speakers:

1. **Ms. Amita Mulay** - Business Head - Axelta Systems
2. **Mr. Mahaboob Basha K S** Sr. Software Trainer
3. **Mr. Mohan Reddy N** Sr. Technical Manager