



**A brief report of inauguration ceremony (held on 20<sup>th</sup> June, 2017) of a 5-day faculty training programme on “Application Development and Deployment using IBM Bluemix” being organized by Poornima JIET Education Foundation from 19<sup>th</sup> June – 23<sup>rd</sup> June, 2017 at PCE, Jaipur**

A 5-day faculty training programme on “Application Development and Deployment using IBM Bluemix” is being organized by Poornima JIET Education Foundation from 19<sup>th</sup> June to 23<sup>rd</sup> June, 2017 at Poornima College of Engineering, Jaipur.

The training is being organized under IBM Career Education Program which is a comprehensive software education program designed by IT professionals, for graduates, post graduates and experienced professionals to accelerate their skills and knowledge so that they succeed in this dynamic industry. The Program curriculum brings together the latest software content, real-world industry experience, hands-on lab courses and best practices, all into a single unique education program.

In this training 20 faculty members of Poornima Foundation and 8 faculty members of Jodhpur Institute of Engineering & Technology are participating.

The training is based on cloud computing platform **IBM Bluemix** which is a Platform-as-a-Service (PaaS) to help developers quickly integrate applications and speed deployment of new cloud services.

The inaugural ceremony was held on **20<sup>th</sup> June, 2017 (Tuesday)** from 8:15 AM to 9:00 AM in the presence of **Dr. Om Prakash Sharma, Director PCE** and **Mr. Anupam Gupta, Application Consultant** (IBM subject matter expert).

The inaugural ceremony began with the formal procedure of lamp lighting to seek the blessings of Goddess Saraswati.

**Mr. Amol Saxena SPOC of IBM programmes & HoD-IT, PCE** formally welcomed the dignitaries – **Dr. Om Prakash Sharma, Director PCE** and the trainer **Mr. Anupam Gupta, Application Consultant** (IBM subject matter expert) along with distinguished participants from PF and JIET in his opening address. He gave the introduction to the workshops with schedule and contents to be imparted in the training.

**Dr. Om Prakash Sharma, Director PCE** presented memento to welcome the trainer **Mr. Anupam Gupta, Application Consultant** and IBM subject matter expert.

**Dr. Om Prakash Sharma, Director PCE** in his address emphasized upon the importance of learning new technologies and tools for faculty and the students. He gave the insight about different IBM training programmes being initiated at Poornima Foundation for the benefit of faculty members and students.

In the end **Mr. Amol Saxena** proposed the vote of thanks to all dignitaries present and the participants.

**5-Day Training on Application Development and Deployment using IBM Bluemix  
(19<sup>th</sup> June to 23<sup>rd</sup> June, 2017)**

**Q-Sheet of the Inaugural Ceremony on 20<sup>th</sup> June, 2017 (Tuesday)**

Date: 20<sup>th</sup> June, 2017

Sr. No.	Activity	Time
1.	Reporting of participants and arrival of guests and seating in IBM Lab.	8:00 AM-8:15 AM
2.	Welcome of trainer, guests and participants and overview of the workshop by Amol Saxena, HoD-Department of IT, PCE	8:15 AM – 8:25 AM
3.	Lighting of Lamp 1. Dr. Om Prakash Sharma, Director-PCE 2. Trainer: Mr. Anupam Gupta, Application Consultant (IBM Subject matter expert). 3. Dr. Ajay Khunteta HoD CSE, PCE 4. Amol Saxena, HoD-Department of IT, PCE 5. All participants	8: 25 AM – 8:30 AM
4.	Welcome of trainer Mr. Anupam Gupta, Application Consultant (IBM Subject matter expert) by Dr. Om Prakash Sharma, Director-PCE by presenting memento.	8:30 AM – 8:35 AM
5.	Formal welcome address by Dr. Om Prakash Sharma, Director-PCE.	8:35 AM – 8:42 AM
6.	Address by trainer Mr. Anupam Gupta, Application Consultant (IBM Subject matter expert)	8:42 AM – 8:50 AM
7.	Poornima Gaan followed by National Anthem	8:50 AM – 9:00 AM
8.	Commencement of training as per the schedule	9:00 AM onwards



**5 Day Training on Application Development and Deployment  
using IBM Bluemix  
(19<sup>th</sup> June to 23<sup>rd</sup> June, 2017)**

**Day wise Training Schedule**

<b>Day 1 (19-06-2017)</b>			<b>Venue: IBM Lab, PCE</b>
<b>Sr. No.</b>	<b>Content/ Activity</b>	<b>Instructor/ Coordinator</b>	<b>Time</b>
1	Reporting, welcome address and overview of workshop	Mr. Amol Saxena	8:00 AM- 8:15 AM
2	Words of wisdom and opening remark	Dr. Om Prakash Sharma, Director - PCE	8:15 AM- 8:30 AM
3	Application Development in salesforce cloud platform	Mr. Sanjay Gupta Asst Prof – I Yr (PCE)	8:30 AM - 10:30 AM
4	Tea Break		10:30 AM- 10:45 AM
5	Application Development in salesforce cloud platform	Mr. Sanjay Gupta	10:45 AM- 11:45 AM
6	Lunch Break		11:45 AM - 12:15 PM
7	Web Application development (EJB, JSP, MySQL)	Mr. Shirish Nagar HoD-I Yr (PCE)	12:15 PM - 03:30 PM

**Trainer: Mr. Anupam Gupta, Application Consultant (IBM Subject matter expert)**

<b>Day 2 (20-06-2017)</b>			<b>Venue: IBM Lab, PCE</b>
<b>Sr. No</b>	<b>Content/ Activity</b>		<b>Time</b>
1	Inaugural Ceremony		8:00 AM – 8:30 AM
2	What is Cloud computing?		8:30 AM- 10:00 AM
3	Tea Break		10:00 AM- 10:15 AM
4	How cloud computing is different from traditional IT?		10:15 AM- 12:30 PM
5	Lunch Break		12:30 PM - 01:00PM
6	Cloud Characteristics, Service and Delivery models		01:00 PM - 03:00 PM
7	Tea Break		03:00 PM- 03:15 AM
8	IBM Bluemix cloud portfolio		03:15 PM - 4:30 PM
9	Query Session		04:30 PM - 05:00 PM
<b>Day 3 (21-06-2017)</b>			<b>Venue: IBM Lab, PCE</b>
<b>Sr. No</b>	<b>Content/ Activity</b>		<b>Time</b>
1	Evolution of Bluemix		8:00 AM- 10:00 AM
2	Tea Break		10:00 AM- 10:15 AM
3	Why Bluemix		10:15 AM- 12:30 PM
4	Lunch Break		12:30 PM - 01:00PM
5	Bluemix UI tour		01:00 PM - 03:00 PM
6	Tea Break		03:00 PM- 03:15 AM
7	Bluemix catalog overview		03:15 PM - 4:30 PM
8	Query Session		04:30 PM - 05:00 PM
<b>Day 4 (22-06-2017)</b>			<b>Venue: IBM Lab, PCE</b>
<b>Sr. No</b>	<b>Content/ Activity</b>		<b>Time</b>
1	BlueMix Architecture Cloud Foundry Architecture		8:00 AM- 10:00 AM
2	Tea Break		10:00 AM- 10:15 AM
3	Bluemix application deployment stages		10:15 AM- 12:30 PM
4	Lunch Break		12:30 PM - 01:00PM
5	Cloud foundry command line interface		01:00 PM - 03:00 PM
6	Tea Break		03:00 PM- 03:15 AM

7	BlueMix Services Partner cloud Services in Bluemix	03:15 PM - 4:30 PM
8	Query Session	04:30 PM - 05:00 PM
<b>Day 5 (23-06-2017)</b>		<b>Venue: IBM Lab, PCE</b>
<b>Sr. No</b>	<b>Content/ Activity</b>	<b>Time</b>
1	Registering a service in Bluemix.	8:00 AM- 10:00 AM
2	Tea Break	10:00 AM- 10:15 AM
3	Various Bluemix services. VCAP_SERVICES	10:15 AM- 12:30 PM
4	Lunch Break	12:30 PM - 01:00PM
5	Overview of DevOps	01:00 PM - 03:00 PM
6	Tea Break	03:00 PM- 03:15 AM
7	Bluemix DevOps tool chain Query Session	03:15 PM - 4:30 PM
8	Valedictory session	04:30 PM - 05:00 PM

**Note:**

Each day includes a lab session, which involves developing a small web application from its idea inception phase to go live over internet using Bluemix cloud.

- Develop a web application using eclipse tool in java
- Hosted it on internet via bluemix cloud.
- Integrate it with DataBase services over cloud.
- Connecting Bluemix cloud using command line interface.
- Practicing DevOps .
- Labs on Watson , IOT and mobile



