



POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

Workshop on IBM Cloud

Resource Agency: IBM

Venue :IBM LAB (AG-02, PIET)

Frequency :once in a week

Duration: one Year

No. of Students: III year section A & Section B

Objective:

Bluemix is based on the Cloud Foundry open-source platform and contains many non-IBM services. The skills that students can gain from using Bluemix are transferable and can push the bounds of transformation. Students can even use Bluemix to create their own service APIs. Bluemix is useful in many disciplines, including engineering, design, and business. The Social Sciences can take advantage of the Bluemix analytics services. On graduation day, students who used Bluemix will feel well-prepared and ready to take on their industry.

Outlines of the workshop:

- Introduction to CloudComputing
- Deep dive intoBluemix
- BluemixArchitecture
- BluemixServices
- Bluemix DevOpsServices

Topics covered in Workshop:-

1. Introduction and importance of cloudcomputing
2. Cloud computingarchitecture
3. Cloud computingservices
4. Different models of CloudComputing
5. What isBluemix?
6. Evolution of Bluemix.
7. WhyBluemix.
8. Bluemix user interface tour.
9. LoginBluemixDashboard.



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10. Bluemix region. organizations, spaces, User and domains
11. Managing organizations and spaces
12. Monitoring and logs
13. Boiler plates. cloud foundry apps
14. Build packs and container
15. Tools chains
16. Development of webpage
17. Web page hosting on cloud server
18. IOT Introduction

Content Relevant:

Instructor has given full hands-on practice in IBM Blue-mix and Project deployment and Development on cloud. Students will develop a disciplined engineering approach and sound practical skills in the specification, design and implementation of cloud based projects. The workshop has relevance with the Project Lab and industry.

Conclusion:

The Department of computer Engineering of Poornima institute of Engineering & Technology, Jaipur has organized a Certification Course on “**IBM BLUEMIX**” on for Btech-3rd Year section A & B, the aim is to provide hands on practice to the students on the aspects of development for any project on IBM Bluemix. Students had shown their interest to explore more about Bluemix platform and cloud technologies.

Organizer & Trainer of the Workshop are:

1. **Mr. Sandeep Tuli**
Assistant Professor, CS, PIET
2. **Dr. Ajay Maurya**
Associate Professor, CS, PIET

PROGRAM CHAIR

Mr. Deepak Moud
HOD, CS, PIET



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