

### How to Apply

Interested Candidates may apply in prescribed format (Application Form) the filled in application form be strictly sent on or before 2<sup>nd</sup> December, 2015 by 5:00pm to the office of Entrepreneurship Development Cell, JNTUH, along with course fee.

The Brochure and Application Form can be downloaded from the bulletin board of our website [www.jntuh.ac.in](http://www.jntuh.ac.in), [www.jntuhedc.com](http://www.jntuhedc.com), [www.jntuhceh.ac.in](http://www.jntuhceh.ac.in)

### Venue

**Venue:** Seminar Hall, Class Room Complex, JNTUH College Engineering Hyderabad, JNT University Hyderabad, Kukatpally, Hyd-85.

Timing: 4:30pm to 8:30pm

### Important Dates

- ❖ Last date for submission of Application forms: **2<sup>nd</sup> December, 2015.**
- ❖ Date of Commencement: **07<sup>th</sup> December, 2015.**

### Fee Details

- There is Non-refundable Course fee: **Rs. 8,625/-**
- Course fee includes course books, virtual labs.

### For Further Info Contact us:

Kiran Kumar Pujari: 9000779009  
Neeraja: 9912132534  
Santosh: 7386644945

### Address for Correspondence:

**Dr. M. Asha Rani**  
*Co-ordinator*  
**Entrepreneurship Development Cell**  
**Jawaharlal Nehru Technological University**  
**Hyderabad (JNTUH)**  
**2<sup>nd</sup> floor, Class Room Complex,**  
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**[edc.jntuh@gmail.com](mailto:edc.jntuh@gmail.com)**  
**web: [www.jntuh.ac.in](http://www.jntuh.ac.in)**

### Target Group/Eligibility

All Science and Technology Graduates and Post Graduates (Perusing/completed)

## TWO WEEK WORKSHOP ON "BIG DATA ANALYTICS"

(07<sup>th</sup> December, 2015–21<sup>st</sup> December, 2015)

Organized by



**Entrepreneurship Development  
Cell**

**JNTUH College of Engineering  
Hyderabad**

**JNT University Hyderabad  
Kukatpally, Hyderabad-500 085**

**Telangana**

**In Association with StartupCuration  
&**

**HPE Software Education**



**Hewlett Packard  
Enterprise**



## Entrepreneurship Development Cell, JNTUHCEH

Entrepreneurship Development Cell (EDC) at *Jawaharlal Nehru Technological University Hyderabad, Hyderabad (JNTUH)*, formerly known as *Jawaharlal Nehru Technological University, Hyderabad*, was established in February, 2003 with the support from the Department of Science and Technology (DST), Govt. of India, New Delhi and promoted by JNTUH.

## About HP Software Education

HP Software Education (HPSE) sets the foundation for optimizing your career investment in IT Technology. At HPSE we provide comprehensive trainings spanning across all our leading range of all enterprise software for Project Management, Software Testing, Security, Client & Server Automation, Service Management, Business Intelligence, and Data Storage.

The academic programs for Universities and Colleges are the newest offerings from HPSE in India. With these offerings, HPSE recognizes the need for Universities and Colleges to impart the required knowledge, skills, and certifications to their students in technology areas which are high in demand in the industry. With this initiative, HP brings to students its most widely deployed technologies in the industry which provide a plethora of employment opportunities.

HP is the reputed leader today in Software Testing and Big Data domain. HP Big Data solution lets customer understand virtually all forms of information—structured data and unstructured—including text, audio, video, and images, to make informed, data-driven decisions. HP's suite of software testing tools are most widely used by corporate houses who either

have in-house software development projects or outsourced development projects.

## HP Haven Big Data Platform

### A Solution for Big Data Analytics:

HP Haven is the industry's first comprehensive, scalable, open, and secure platform for big data. It addresses 100 percent of data, transforms that data into knowledge, and delivers that knowledge at the right time and place to all those in the organization who need it.

HP Haven is powered by three analytical engines:

- **HP IDOL**, which can index, search, and analyze human information at scale and in context. It can process more than 1,000 file types including tweets, email, audio, images, and video.
- **HP Vertica**, a massively scalable database platform, custom-built for real-time analytics on petabyte-sized datasets. It supports standard SQL- and R-based analytics, and offers support for all leading BI and ETL vendors.
- **HP Distributed R**, which provides enterprise-ready big data predictive analytics by addressing the scalability flaws of the popular R language.

### What is special about HP Software University Training Program?

HP is the leader in Big Data/testing solution in the market.

- This training cannot be purchased outside of HP.
- Training books are not available at the book stores. It is directly supplied by HP.
- HP directly supplies the labs with exercises and material for the training for HP Software University Students.
- All trainings are directly governed by HP certified instructors.
- HP strictly controls the quality of this training.

- HP Software University Program is an International program designed in US for University student community.
- Successfully delivered in India, Malaysia and Philippines for more than 15000 students in last 2 years.

## Programme Highlights

- **Instructor-led trainings**
- **Lab sessions**
- **Course Completion Certification**
- **Guidance to Higher HP Expert One Certifications**
- **Industry Exposure**

## Course Curriculum

Part A: 32 Hours:

Hadoop Foundation:

Introduction to Big Data, Hadoop Architecture, Hadoop Deployment, Map Reduce and advanced HDFS, Pig, Hive, Hbase, Commercial – Cloudera

Part B: 40 Hours:

HP IDOL:

HP IDOL overview, Installing the Lab infrastructure, HP IDOL configuration, File system connector CFS aggregation, Web crawling using HTTP connector, Manual indexing, Indexing native XML, Retrieval, Action commands – autonomy syntax, Customizing the result fields, Using HP IDOL's "Retina" web application, Backing up HP IDOL, Exporting an HP IDOL index, Setting up Parametric Search, Advanced Querying, Categorization, Language Considerations, Customizing the result fields, Aggregating content from a database using ODBC connector, Security – Intellectual asset protection, Monitoring & Reporting, IDOL admin tool, Distributed handlers, Performance and best practice