

## ADVANCE JAVA

- Swing
- Connectivity
- Java Bean
- Socket Programming (Networking With Java)
- RMI
- Servlet
- CORBA
- Setup and Deployment

## MICROSOFT TECHNOLOGY

### MICROSOFT OFFICE 2007

- Office Suite

### MICROSOFT VISUAL BASIC

- Part I Advanced Programming with Visual Basic
- Part II Database Programming with Visual Basic

### MICROSOFT VISUAL BASIC.NET

- Major VB.net changes
- Building classes and assemblies with VB.net
- Inheritance with VB.net
- Database access with VB.net and ado.net
- Building web applications with VB.net and asp.net
- Building web services with VB.net
- Building windows services with VB.net
- Upgrading vb projects to VB.net

## RED HAT LINUX

- Part I: Introduction and Installation of Linux
- Part II: Configuring Other Servers
- Part III Hardware Connectivity and Devices
- Part IV System Administration and Management
- Part V Dealing with Others
- Part VI Automation, Programming & Modifying Source Code

## Industry Specific Customized Modules

- Computer Teacher for Schools & Colleges
- Trainer for Computer Aided Learning
- Computer Awareness/Usage
- Training for Govt. Employees
- Monitoring and Problem Solving in Telecom Network

- Application Developer & Tester
- MIS Experts Data Collection, Analysis and Reporting

## SOFT SKILLS

- Oral & Written Communication
- Customer Focus Creating customer delight
- Professional grooming
- Leadership
- Building Effective Teams
- Inter personnel skills
- Stress management
- Positive thinking & Teamwork
- Presentation skills
- Problem Solving and Decision Making
- Interview skills

## Non- IT Training Modules

- Customer Relationship Manager for Banks & Financial Institutions
- Marketing & Sales Executive for Insurance & FMCG Sector

## Course Fee

Depending upon the selected course/module the course fee will be between Rs. 6,000 to Rs. 12,000. Few Industry specific Specialized Course fee may vary between Rs. 15,000 to Rs. 25,000.

## Placement Support/ Career Opportunities

Every effort will be made to provide employment opportunity to deserving candidates. BKC is in constant touch with industries and elite bodies like IETS, NIIT Ltd., Teledata Ltd., TCS Ltd., iBilt Technologies, SPANCO Telesystems, TULIP Telecom, Data Craft, Glodyne Technoserve, Keonics, Beltron@ICT for their human resource requirements in their ongoing projects in Bihar for placements. BKC also proposes to conduct Job Fairs to place its students.

## BIHAR KNOWLEDGE CENTRE

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# BIHAR KNOWLEDGE CENTRE

(A Government of Bihar Initiative)



**BEST**  
Bihar e-Governance Services & Technologies Ltd.  
Government of Bihar and IETP Bihar, Patna



BIHAR STATE ELECTRONICS  
DEVELOPMENT CORPORATION LTD.  
(A Govt. of Bihar undertaking)

## Vision of Honorable CM of Bihar on Education & Employability



- To provide job employment or self employment to at least one family member of rural Bihar in the next 5 years, especially to the deprived & Vulnerable sections like:
- Scheduled Castes and Backward classes.
- Women, Persons with Disabilities.
- Unemployed Rural educated Youth.
- Weaker Sections / Orphans / any other special category.
- Target 1,25,000 Job Employments & Self-Employments per year from 2008-09 onwards.
- For achieving this goal provide Vocational Education and Training to 2,50,000 youth for Job Employment & Self-Employments per year

**Our basic problem is not Un-employment.  
It is Un-employability of our youth.**

## INTRODUCTION TO BKC

Inline with the Vision of Honorable Chief Minister of Bihar on Education and Employability, Government of Bihar has come up with a revolutionary measure to overcome the basic problem mentioned in the vision which is "Un-employability of Youths". **Bihar Knowledge Centre** has been set up as a finishing school to equip students with the latest skills and customized short term training programs to citizens of Bihar at an affordable cost. The Centre aims to attract every youth of the state to hone up their technical, professional and soft skills at the centre and prepare them for the present industry requirement/job market.

## VISION OF BKC:

- ❖ To bridge the gap between industry requirement and current educational curriculum provided by various institutions.
- ❖ Impart necessary skill set.
- ❖ Groom the students with appropriate Soft Skills.
- ❖ To be an important link between industry and the students benefitting both.
- ❖ To provide competitive edge to working individuals.
- ❖ Over and above BKC will guide the youths providing them guidance and support in finding suitable job for them matching their educational qualification and experience right from the training level.
- ❖ Create more and more industry ready professionals meeting the demands of today's job market.

## PROPOSED COURSES :

BKC proposes to conduct the following regular courses at its centre. These courses are divided into three levels: **Basic**, **Advanced** and **Expert**. Students have the option of selecting courses from any or all of them based on their interest, expertise level and **industry demand**.

## ORACLE 9i

### SQL

- ✿ RDBMS Architecture
- ✿ iSQL \* Plus
- ✿ DCL (Data Control Language)
- ✿ Other Data Base Objects
- ✿ Controlling User Access and Data Base Links

### DBA - I

- ✿ Oracle Architecture
- ✿ Creating Data Base
- ✿ Creating Data Base Manually
- ✿ Managing User, Privileges and Roles
- ✿ Managing Passwords Security and Resources

### DBA - II

- ✿ Oracle 9i Networking Solution
- ✿ Oracle Net Services Configuration and Administration Tools
- ✿ Oracle Net Architecture
- ✿ Configuring Listener
- ✿ Backup and Recovery
- ✿ RMAN Backup and Recovery
- ✿ User Managed Backup and Recovery
- ✿ Recovery Catalog Creation and Maintenance
- ✿ Import and Export Utilities

### Performance Tuning

- ✿ Oracle 9i Performance Tuning

## HARDWARE & NETWORKING

### HARDWARE

- ✿ Microprocessor
- ✿ Motherboard & Chipset
- ✿ Assembling /disassembling

### NETWORKING

- ✿ Layered approach to networking OSI model
- ✿ Network topologies
- ✿ DHCP and automatic IP configuration
- ✿ Client server
- ✿ NOS and working on Internet
- ✿ Remote connectivity
- ✿ Network Security
- ✿ Managing windows security
- ✿ Testing network and troubleshooting network problems
- ✿ Network performance and monitoring

## CORE JAVA

- ✿ Concepts of OOP
- ✿ History of JAVA
- ✿ Features of JAVA
- ✿ Difference between JAVA & C and JAVA & C++
- ✿ Data Types and Variables
- ✿ Operators
- ✿ Conditional Statements and Loop
- ✿ Array and Vectors
- ✿ Classes
- ✿ Multi Threading & Applet