



GokarajuRangaraju Institute of Engineering and Technology (Autonomous)

Report of the Event

Title of the Event: Workshop on “Database Design and Programming withSQL”

Organized Date: 21st to 25th November 2016

Faculty: Dr N V Ganapathi Raju

Summary:

Database Design and Programming with SQL – Course Description Overview This course engages students to analyze complex business scenarios and create a data model—a conceptual representation of an organization’s information. Participants implement their database design by creating a physical database using SQL. Basic SQL syntax and the rules for constructing valid SQL statements are reviewed. This course culminates with a project that challenges students to design, implement, and demonstrate a database solution for a business or organization. Available **Curriculum**

Languages:

- English, Simplified Chinese, Brazilian Portuguese, Spanish Duration
- Recommended total course time: 180 hours*
- Professional education credit hours for educators who complete Oracle Academy training: 60 * Course time includes instruction, self-study/homework, practices, projects, and assessment Target Audiences Educators
- College/university faculty who teach computer programming, information communications technology (ICT), or a related subject
- Secondary school teachers who teach computer programming, ICT, or a related subject Students
- Students who wish to learn the techniques and tools to design, guild and extract information from a database
- Students who possess basic mathematical, logical, and analytical problem-solving skills
- Novice programmers, as well as those at advanced levels, to learning the SQL Programming language to an advanced level Prerequisites Required
- Ease with using a computer

- General knowledge of databases and query activity Suggested
- None Suggested Next Courses
- Database Programming with PL/SQL