



G.H. RAISONI COLLEGE OF ENGINEERING

(Autonomous institute under UGC Act 1956 &
Affiliated to Rashtarsant Tukdoji Maharaj Nagpur University)
CRPF Gate No. 3, Digdoh Hills, Hingna Road, Nagpur-16.



RAISONI GROUP
a vision beyond

Department of Computer Science & Engineering

News Letter on "Expert Lectures" SEPTEMBER 2013

EXPERT LECTURE

Vision & Mission of the Institute

VISION

To achieve excellent standards of quality education
by keeping pace with rapidly changing technologies and create
technical manpower of global standards with capabilities of accepting new challenges.

MISSION

Our efforts are dedicated to impart quality and value based education to raise
satisfaction level of all stake-holders. Our strength is directed to create competent professionals.
Our endeavour is to provide all possible support to promote research and development activities.



Department of Computer Science and Engineering
G.H. Raison College of Engineering, Nagpur

(An autonomous Institute under UGC act 1956 & Affiliated to Rashtarsant Tukdoji Maharaj Nagpur University, Nagpur)



Session 2013-2014



| Engineering | Management | Law | Schools | Other Courses |

• NAGPUR • AMRAVATI • AHMEDNAGAR • PUNE • JALGAON • RAIPUR •

RAISONI
GROUP OF INSTITUTIONS

VISION & MISSION
OF
DEPARTMENT OF COMPUTER SCIENCE &
ENGINEERING

Vision

- To achieve excellent standards of quality education by keeping pace with rapidly changing technologies.
- To create technical manpower of global standards in Computer Science Engineering with capabilities of accepting new challenges.

Mission

- To develop competent professionals are proficient in the design, analysis and implementation of computational/computer systems.
- To impart quality and value based education and contribute towards the advancement of computing, science and technology to raise satisfaction level of all stakeholders.
- Our endeavor is to apply new developments in computational hardware and software and to provide all possible support to promote research & development activities.

Lecture No. 11:

Name of Expert: Dr. U. A. Deshpande

**Designation & Affiliation: Associate Professor, VNIT,
Nagpur**

Topic: “Distributed Mutual Exclusion”

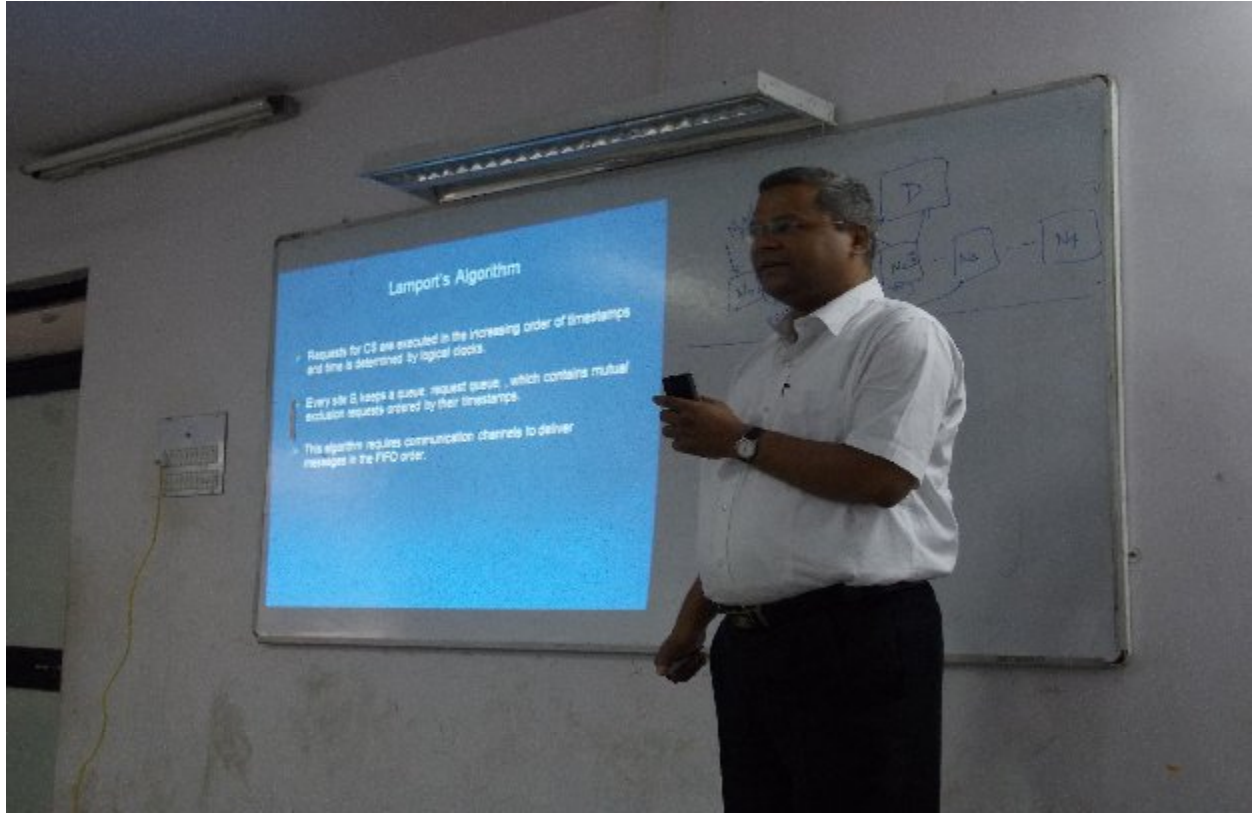
Venue: C-02

Date & Time of conduction: 21/09/2013 at 12:00 Noon

Description of the Event:

- Participants: PG M.E.(1 Sem WCC)
- No. of Participants: 30 students

Photographs:





Lecture No. 12:

Name of Expert: Dr. S. R. Sathe

Designation & Affiliation: Professor, VNIT, Nagpur

Topic: “Algorithm”

Venue: C-02

Date & Time of conduction: 28/09/2013 at 9:30 AM

Description of the Event:

- Participants: PG M.E.(1 Sem WCC)
- No. of Participants: 30 students

Photographs:



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Lecture No. 13:

Name of Expert:

1. Mr. Bhavesh Pali, Mr. Anushesh Dhawne & Mr. Shrikant Anjankar

Designation & Affiliation: NexusNet, Nagpur

Topic: “Open Source Software Revolution”

Venue: R-03

Date & Time of conduction: 28/09/2013 at 10:00 AM

Description of the Event:

- Participants: UG 5th Sem B, CSE
- No. of Participants: 75 students

Photographs:



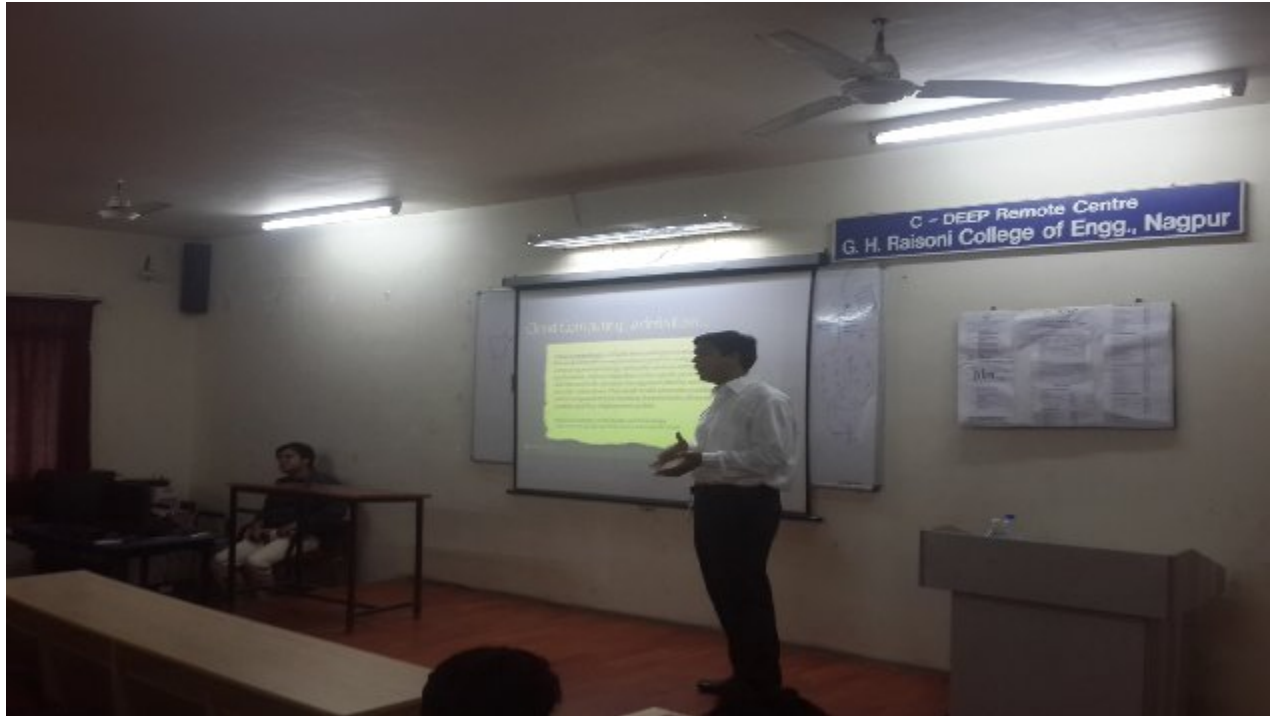


Workshop on Microsoft Windows Azure by Microsoft Corporation for Weaker Students under TEQIP II

Two days workshop was organized by Microsoft Corporation on ,”Microsoft Windows Azure” at GHRCE, Nagpur on dated 23rd and 24th September 2013.



Participants & In-house members



“Guest from Microsoft Corporation Mr. Shailendra Kumar Sharma and Mr. Arijit Bhattacharya addressing Audience.”

Short Term Program on “Microsoft Windows Azure” by Microsoft Corporation was organized at GHRCE Computer Science and Engineering department.

The program mainly focuses on Developing and deploying Cloud application on Microsoft Cloud. Microsoft Corporation provides free Azure accounts to every student for creating and deploying their application.

Topics covered during theory session are as follows:

- Defining cloud
- Why cloud
 - ✓ save time and money
 - ✓ enable new scenarios
- Windows azure
 - ✓ Usage based
 - ✓ Automated
 - ✓ Managed resources
 - ✓ Always up, always on



- ✓ Elastic
- ✓ Economics
- ✓ Public ↔ Private
- Cloud Terms
 - ✓ SAAS
 - ✓ PAAS
 - ✓ IAAS
- Networking Load Balancing
 - Scalability
 - Run multiple instances
 - Vertical scale with VM size
 - Building Blocks
 - ✓ SDS
 - ✓ Security
 - ✓ Hardware
- Storage
 - 200 TB
 - ✓ Blob storage
 - Highly scalable, durable, available file system
 - Blobs can be exposed publically over http
 - Can securely lock down permission to blobs
 - Data Streaming.
 - ✓ Table Storage
 - Non RDBMS Table
 - Mandatory properties partition key ,row key
 - 255 properties
 - Crud operation.
 - ✓ SQL Azure is the DATABASE OFFERING ON CLOUD ENVIRONMENT.
 - Benefits: - highly accessible anywhere.
 - Databases: - collection of data.
- Microsoft sql server

Topics covered during practical session are as follows:

- Setting up system with
 - ✓ Visual Studio 2012
 - ✓ Installing Azure .net sdk
 - ✓ Installing Emualator
- Creating Outlook/live account.

- Creating Azure account freely.
- Creating “Hello World” application on cloud.
- Placing app on cloud.
- Making database and connecting with cloud apps.

Mr. Shailendra Kumar Sharma and Mr. Arijit Bhattacharya from Microsoft Corporation presented seminar and help students in creating Azure accounts and deploying there apps on Microsoft Cloud. Students responded very well and took interest in creating apps. Prof. G. Talmale, Prof. L. Dole was workshop coordinator took effort in making this workshop successful. Workshop was conducted on 23rd and 24th of September 2013 in four sessions at C-DEEP. Faculties from CSE, IT and MCA also have attended the workshop.

