



Faculty of Computer Studies (FoCS)
Sub Committee for Curriculum Development

Format to submit syllabus

Course Name: Windows Server Essentials

(UG/PG): PG

Number of Credits: 3

Level: 4

Learning Objective(s): The course aims in providing a hands on approach to understand the Windows server architecture, operations, use, configuration and deployment of server in various scenarios

Pedagogy:

Lectures
Hands-on Lab sessions

Pre-learning: N/A

Operating Systems
Windows essentials

Course Outline:

| Sr.No. | Topics | Hours |
|--------|--|-----------|
| 1 | Windows Overview & Architecture | 2 |
| 2 | Windows Server Architecture | 4 |
| 3 | Windows Server – Active Directory, User Management, Domain control | 5 |
| 4 | Windows Server – File and File Systems | 5 |
| 5 | Windows Server – Network and Network based applications | 6 |
| 6 | Windows Server & Cloud | 6 |
| 7 | Windows Server – Data protection & Security | 6 |
| 8 | Windows Server – Applications and Services (Example: FTP, Online services) | 6 |
| 9 | Windows Server – Configuration, Administration & Maintenance | 5 |
| | Total | 45 |

Books Suggested:

1. Microsoft Windows Server Administration Essentials Paperback by Tom Carpenter
2. Windows Server 2012 Unleashed Paperback – 2013 by Rand Morimoto

Suggested Evaluation Methods:

Lab based Evaluations
Assignments
Presentation

Parallel/Similar courses the existing curriculum:

| S.No. | Name of the course | Institute where it was offered |
|-------|--------------------|--------------------------------|
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| Name of Member | Prof. Harshad Gune | | | | |
| Designation | Dy. Director | | | | |
| Org. / Inst. | SICSR | | | | |
| Signature | | | | | |

Name of the Expert:

Signature:

Date: