



ಸರಕಾರಿ ಮಹಾವಿದ್ಯಾಲಯ (ಸ್ವಾಯತ್ತ), ಕಲಬುರಗಿ
(ನ್ಯಾಕನಿಂದ "A" ಶ್ರೇಣಿಯ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)
ಪೇಡಂರಸ್ತೆ, ಕಲಬುರಗಿ- 585 105



DEPARTMENT OF HIGHER EDUCATION

CURRICULUM STRUCTURES FOR
VALUE ADDED COURSE IN COMPUTER SCIENCE
SYLLABUS FOR BA, BSC, BCOM

EFFECT FROM
THE ACADEMIC YEAR 2018-19

Submitted to
GOVERNMENT COLLEGE(AUTONOMOUS)
KALABURAGI

Approved by the BOS vide Resolution No.09 Dated 04-06-2018.

Value Added Course 2018-19
VACI: Fundamentals of Computing and MS Office

Class: B.Sc/B.Com/BA. II

DURATION: Two Months

Title: Fundamentals of Computing and MS Office

1. Year of implementation: 2018-19

Structure of Value-Added Course

Duration	Theory Periods	Practical Periods	Total Periods	Credits	No. of Students in batch
2 Months	20	30	50	2	30

Syllabus

About the Course:

Today's world is an information-rich world and it has become a necessity for everyone to know about computers. A computer fundamental is also very useful for undergraduate students of computer science. Engineering. Business administration, management, science, commerce and arts, where an introductory course on computers is a part of curriculum.

(10)

Unit I:

Introduction to computers: Computer systems, classifications of computers. Computer hardware: computer organization, CPU Structure and functions, input/output devices, storage devices, computer memory. Computer software: operating system and utility programs, application software. Data representation, computer arithmetic and number systems. Computer network and communication: data communications, network topology, network software, communication applications. I

(10)

Unit II:

Information system development: information Systems: components. Types and uses. System development lifecycle.

Document Creation in MS-WORD, Table Creation in Ms-Word, Ms-PowerPoint, Ms-Excel, Graphs and Charts. Internet and the World Wide Web: history of the internet, internet service providers, Browser, World Wide Web.

Learning Outcomes:

At the end of this course, the students should be able to

1. Students will be able to understand basic concepts of Computer.
2. Students will be able to understand use of standard word, and spreadsheets, graphics generation packages.

Referencebooks:

1. MS Office Complete Reference
2. MS-Office 2010 Training Guide by Prof. Satish Jain, M. Geetha

Course objectives:

1. Bridge the fundamental concepts of computers with the present level of knowledge of the students.
2. Use standard word, and spreadsheets, graphics generation packages.
3. Demonstrate the building up of Sequential and combinational logic from basic gates.
4. Explain the representation of data and information in computer systems.

Practical Syllabus

1. To create new documents.
2. To implement formatting features on documents.
3. To create worksheet.
4. To create graphics.
5. To implement formatting features on work sheet.
6. To implement formatting features on presentation.
7. To implement formatting features on word.
8. To implement formatting features on presentation.
9. To implement formatting features on work sheet.
10. To implement formatting features on documents.



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(ನ್ಯಾಕನಿಂದ "A" ಶ್ರೇಣಿಯ ಮಾನ್ಯತೆ ಪಡೆದಿದೆ)
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VALUE ADDED COURSE IN COMPUTER SCIENCE
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**EFFECT FROM
THE ACADEMIC YEAR 2019-20**

**Submitted to
GOVERNMENT COLLEGE (AUTONOMOUS)
KALABURAGI**

Approved by the BOS vide Resolution No.09 Dated 04-06-2018.

Value Added Course 2019-20
VAC2: Cloud Computing

Class: B.Sc /BCom /BA.

DURATION: Two Months

Department of Computer Science (UG &PG)

1. Title: CloudComputing
2. Year of implementation:2019-2020

Structureof Value-AddedCourse

Duration	Theory Periods	Practical Periods	Total Periods	Credits	No. of Students In batch
2Months	20	30	50	2	30

Syllabus

Learning Objectives:

1. To study concepts of cloud computing.
2. To study services of cloud computing.

Unit I::Introduction to Cloud Computing

(10)

Introduction, History of Cloud Computing, Features of cloud Computing, Types of Cloud Computing- Private, Public &Hybrid, Advantages and Disadvantages.

Unit II: Cloud Computing Services

(10)

SaaS(Software as a Service), PaaS(Plat form as a Service), IaaS(Infrastructure as a Service), IDaaS (Identity as a Service) ,Comparison of various cloud computing providers

Learning Outcomes:

At the end of this course, the students should be able to

1. Students will be able to understand basic concepts of cloud computing.
2. Students will be able to understand services of cloud computing.

Reference books:

1. Cloud Computing Concepts, Technology & Architecture by Zaigham Mahmood, RicardoPuttini, ThomusErl.
2. Cloud Computing from Beginning to End by Ray J. Rafeels.

Practical Syllabus

Objectives:

1. To study how to search and create cloud.
2. To study how to use Cloud Services.

List of Experiments:

1. To search cloud.
2. To identify types of cloud.
3. To create a cloud.
4. To Identify and use Cloud Service SaaS.
5. To Identify and use Cloud Service PaaS.
6. To Identify and use Cloud Service IaaS.
7. To Identify and use Cloud Service IDaaS.
8. To manage a cloud
9. Case Study on Software as a Service.
10. Case Study on Platform as a Service.

Reference books:

1. Cloud Computing Concepts, Technology & Architecture by Zaigham Mahmood, Ricardo Puttini, Thomas Erl.
2. Cloud Computing from Beginning to End by Ray J. Rafeels.

Learning Outcomes:

After completion of the practical, Student are able to:

1. Students will be able to search and create cloud.
2. Students will be able to use Cloud Services.

GOVT. COLLEGE, (AUTONOMOUS) KALABURAGI
DEPARTMENT OF PHYSICAL EDUCATION
VALUE BASED COURSE
BASIC YOGA
(Effect from 2018-19)

Marks: 20(T)+30(P)=50

Hours: 30

Unit-I : Meaning and Definition, Need, Scope of Yoga Educations.

10Hours

Unit-II : Suryanamaskara and its health benefits.

10Hours

10 Hours

Ptactical

Vajrasan	siddhasana
Padmasana	Dhanurasan
Bhadrasan	Ustrasana
Matsysan	Matsysan
Ardhmatsyendrsan	Shirasasana
Gomukhasan	Uttanpadasan
Badhpadmasan	Tadaasana
Janushirshasan	Vrukshasan
Chakrasan	Parvatesana
Trikonasan	Virbhadrasana
Pachimotaasan	Natrajasana
Mayurasan	Sirsaana
Setu Bandha sarvanagasana	Shavasana
Kplabhathi	Anuloma , Viloma

REFERENCE BOOKS:

1. Iyengar, B.K.S. Light on Yoga : Deepika, New Delhi : Harper Collins Publishers, 2008.
2. Iyengar, B.K.S. Light on Pranayama : Deepika, New Delhi : Harper Collins Publishers, 2005.
3. A.R. Seetharam, Yoga for Healthy Living, Mysore : Paamahamsa Yogashrama Publishers, 1996.
4. Swami Sivananda : Kundalini Yoga (The Divine Life Society, P.O.Shivananda Nagar U.P Himalayas, India). 2001.
5. Swami Satyananda Saraswathi : Asana, Pranayama, Mudra, Bandha (India Yoga Publications Trust, Munger, Bihar).