

Syllabus

BACHELOR IN COMPUTER APPLICATION (BCA)

With effect from June- 2014-15

**NORTH MAHARASHTRA UNIVERSITY,
JALGAON BACHELOR IN COMPUTER
APPLICATION STRUCTURE
(W.E.F. June 2014)**

Course Name:	Bachelor in Computer Application
Short Title of Degree:	B C A
Faculty to which assigned:	Commerce and Management
Duration:	3 years full time
Pattern:	Semester
Examination Pattern:	60 (External) + 40 (Internal)
No of paper per semester:	4 Theory + 3 Practical
Eligibility:	Passed Higher Secondary Examination in Any Stream

OR

Diploma recognized by Board of Technical Education with
minimum Duration of 3 years

Medium of Instruction: English

Objectives:

- To enable students for pursuing respectable career through Self- Employment, Executive Employment, Entrepreneurship, Professional Career in the field of service sectors such as e-Banking, Marketing, Investment, Insurance hospitality and other avenues.
- To develop inter-twining competence in the field of Commerce and Management, Computing Skill and Computational tools.
- To develop abilities for data analysis and interpretation Using ICT.
- To develop the basic programming skills to enable students to build Utility programmes.
- To develop the foundation for higher studies in the field of Computer Application.
- To provide specialization in Management with technical, professional and communications skills.
- To train future industry professionals.
- To impart comprehensive knowledge with equal emphasis on theory and practice.
- To keep the students up-to-speed on all the latest and cutting edge technologies.

STRUCTURE

BACHELOR OF COMPUTER APPLICATION [BCA]

W.E.F. 2014-15

First Year BCA– (Sem I & II) w.e.f. 2014-15

Paper	Semester-I	Paper	Semester-II
BCA 11	Foundation Course for Managers	BCA 21	Financial Accounting & Costing
BCA 12	Professional Communication I	BCA 22	Professional Communication II
BCA 13	Fundamentals of Computer & Internet	BCA 23	Database Management
BCA 14	Programming in C++ Part I	BCA 24	Programming in C++ Part II
BCA 15	Practical on Internet & HTML	BCA 25	Practical on MS-Access & Oracle
BCA 16	Practical on Professional Communication I	BCA 26	Practical on Professional Communication II
BCA 17	Practical on C++ Part I	BCA 27	Practical on C++ Part II

Second Year BCA – (Sem III & IV) w.e.f. 2015-16

Paper	Semester-III	Paper	Semester-IV
BCA31	Mathematics and Statistics for Managers	BCA41	C# .Net
BCA32	Computer Animation Using Flash	BCA42	Stock And Commodity Market
BCA33	Career Management & Counseling	BCA43	Data Structure
BCA34	Java Programming	BCA44	Cyber Crime and Security
BCA35	Practical on Computer Animation	BCA45	Practical on Transaction related to Stock And Commodity
BCA36	Practical on Java	BCA46	Practical on Data Structure using C++
BCA37	Practical on Tally ERP	BCA47	Practical on C# .Net

Third Year BCA – (Sem V & VI) w.e.f. 2016-17

Paper	Semester-V	Paper	Semester-VI
BCA51	Entrepreneurship Development	BCA61	Introduction to ERP and SAP
BCA52	Soft Skills Development	BCA62	System Analysis And Design
BCA53	Linux Operating System	BCA63	Server Side Scripting using PHP
BCA54	Internet Programming with ASP.NET	BCA64	Introduction to Information System Audit
BCA55	Practical on Soft Skills Development	BCA65	Practical on PHP
BCA56	Practical on ASP.net & Linux O.S.	BCA66	Practical on CASE Tool with MS VISIO
BCA57	Field Work	BCA67	Project

NORTH MAHARASHTRA UNIVERSITY, JALGAON

Faculty of Commerce & Management

Notes to Structure

BACHELOR OF COMPUTER APPLICATION Programme

with effect from June-2014

1. English medium is allowed for instructions to all the courses under this programme.
- 2 For all the courses (except course no 5.7 & 6.7 at semester V & VI) there shall be a semester pattern of examination (Theory / Practical) of 100 marks, comprising of external examination of 60 marks, and 40 marks for continuous internal assessment for every course.
- 3 For course no 5.7 & 6.7 at Semester V & VI, Field work & Project has been prescribed for 100 marks, comprising maximum of 50 marks each to be awarded by an external examiner and an internal examiner, based on the field work / project report submitted and the viva-voce thereon. The said examination is to be conducted at the end of the V / VI Semester. In case of course no 5.7 & 6.7 of Semester V/VI the 60: 40 pattern will not be applicable.
- 4 There shall be External Examination (Viva-Voce) for Field work and Project Report. The project must be based Computer Software Application (Desktop or Web)
- 5 The syllabus of each course shall be taught in 4 lectures per week during the semester.

Question Paper Pattern

Marks: 60

Time: 3hrs

- Attempt any Five.
- Each Question carries 12 marks.

Que.1	(12)
Que.2	(12)
Que.3	(12)
Que.4	(12)
Que.5	(12)
Que.6	(12)
Que.7	(12)
Que.8	(12)

