*Pune District Education Association's*

# Annasaheb Magar Mahavidyalaya Hadapsar, Pune -411028

**NAAC Reaccredited B grade**

**Three year Bachelor of Business Administration (Computer Application)**

**(Under faculty of Commerce & Management)**

**Affiliated by Savitribai Phule University, Pune**

# Course structure for Academic Year 2021-22

- **F.Y.B.B.A (CA) Choice Based Credit System Syllabus Implemented from Academic Year 2019-2020 Semester I (Total credits=22)**

1. Name of Programme: Bachelor of Business Administration (Computer Application)
2. Introduction: The degree shall be titled as Bachelor of Business Administration (B.B.A.) (Computer Application) under the Faculty of Commerce and Management. First Year B.B.A.(CA) choice based credit system is implemented w.e.f. the academic year 2019-2020 , Second Year B.B.A.(CA) II implemented w.e.f. 2020-2021 and Third Year B.B.A.(CA) III w.e.f. 2021-2022
3. Programme Objectives:
   - To produce skill oriented human resource.
   - To import practical skills among students.
   - To make industry ready resource.
   - To bring the spirit of entrepreneurship.
4. Programme Structure:
   - The Programme is of a Three Year (Six semesters) Full Time Degree Programme.
   - The Programme shall be based on credit system comprising 132 credits.
5. Eligibility for Admission :
   - A candidate is eligible for admission to the Degree in Bachelor of Business Administration – Computer Application after passing 12th Std. examination (H.S.C. 10 +2) from any stream with English as passing subject and has secured 40% marks at 12th std.
   - Three Years Diploma after S.S.C. i.e. 10th Standard of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
   - Two Years Diploma in Pharmacy after H.S.C., of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
   - MCVC

6. Medium of Instruction: English

7. Award of Credits:

- Each course having 3 credits shall be evaluated out of 100 marks and student should secure at least 40 marks to earn full credits of that course.
- Each course with 2 credits for SEM-I &Sem-II, Sem-V &Sem-VI is divided in theory (50%) & Practical (50%) and for Sem-III, IV there will be project work for students. For all practical and project there will be university evaluation. For SEM-I, II, V&VI (30%Internal & 70%Extrenal) is the pattern of evaluation.
- GPA shall be calculated based on the marks obtained in the respective subject provided that student should    have obtained credits for that course.

8. Evaluation Pattern:

- Each course carrying 100 marks shall be evaluated with Continuous Assessment (CA) and University Evaluation (UE) mechanism. Continuous assessment shall be of 30 marks while University Evaluation shall be of 70 marks. To pass in the course, a student has to secure minimum 40 marks provided that he should secure minimum 28 marks in University Evaluation (UE).
  - CA shall be based on internal tests (minimum 2 for 20 marks). In addition, for remaining 10 marks a

teacher may assign various activities such as home assignments, 3 tutorials, seminars, presentations, group discussion etc., to the students and evaluate accordingly.

9. Method of Evaluation and Evaluation Criteria: -

1. Internal Assessment 30 marks for all Internal Assessment 30 marks for all theory related subjects. Practical and Project will be evaluated separately.

SPPU - Examination will be 70 marks:

• Instructions for teachers for internal evaluation for 30 Marks - The purpose of internal evaluation is to assess the depth of knowledge, understanding and awareness. For this purpose a teacher is expected to use different evaluation methods in order to have rational and objective assessment of the learners and available resources.

• The class work will carry 30 marks in each course. Internal Evaluation includes continuous evaluation of a student by adopting variety of techniques such as Assignments, Presentation, Internal examination, Group Discussions, Projects etc.

• There shall be Four small projects /Tutorials for internal evaluation as compulsory part of assessment (Semester I ,II ,III and IV).

2. Project Examination For course on Practical and Project work as per the regular practice there will be Written Report and viva presentation of 100 marks at SPPU level.

3. External Examination: - There will be written Examination of 70 marks and 3 hrs duration for every course at the end of each Semester.

10. Completion of Degree Programme: A student who earns 132 credits, shall be considered to have completed the requirements of the B.B.A.(CA) degree program and CGPA will be calculated for such student.

11. Credit Allocation CC-Core Course, EC-Elective Course, PR-Practical, PJ-Project, AECC-Ability Enhancement Compulsory Courses, SEC-Skill Enhancement Courses.

Total - 132 Credits for Three years Programme.

| Sr. No | Semester | CC – Credit | EC Credit | PR Credit | PJ Credit | AECC Credit | SEC – Credit t | Lectures + Project +add on courses= Total Credits |
|---|---|---|---|---|---|---|---|---|
| 1 | I | 15 | | 4 | | | 2 | 15+4+2 =21 |
| 2 | II | 15 | | 4 | | | 2 | 15 +4 +2=21 |
| 3 | III | 9 | 6 | 6 | | 2 | | 9+6+6+2=23 |
| 4 | IV | 9 | 3 | 4 | 4 | | 2 | 9+3+4+4+2=22 |
| 5 | V | 9 | 3 | 4 | 4 | | 2 | 9+3+4+4+2=22 |
| 6 | VI | 10 | 3 | 4 | 4 | | 2 | 10+3+4+4+2=23 |
| Total | | 67 | 15 | 26 | 12 | 2 | 10 | 67+15+26+12+2+10=132 |

12. Titles of Papers and Scheme of Study for B.B.A. (C.A.) Programme CC-Core Course, EC-Elective Course, PR-Practical, PJ-Project, AECC-Ability Enhancement Compulsory Courses, SEC-Skill Enhancement Courses.

## FYBBA(CA)  SEMESTER-I

| Subject Code | Subject Name | Course | Credits | |
|---|---|---|---|---|
| | | | Th | Pr |
| CA-101 | Business Communication | CC | 3 | |
| CA-102 | Principles of Management | CC | 3 | |
| CA-103 | C Language | CC | 3 | |
| CA-104 | Database Management System | CC | 3 | |
| CA-105 | Statistics | CC | 3 | |
| CA-106 | Computer Laboratory Based on 103 &104 (2 credits each) PR 4 107 | PR | | 4 |
| CA-107 | Add-On (PPA) (30 Hours) SEC 2 | SEC | 2 | |

## FYBBA (CA) SEMESTER-II

| Subject Code | Subject Name | Course | Credits | |
|---|---|---|---|---|
| | | | Th | Pr |
| CA-201 | Organization Behavior & Human Resource Management | CC | 3 | |
| CA-202 | Financial Accounting | CC | 3 | |
| CA-203 | Business Mathematics | CC | 3 | |
| CA-204 | Relational database | CC | 3 | |
| CA-205 | Web Technology HTML-JS-CSS | CC | 3 | |
| CA-206 | Computer Laboratory Based on 204 & 205(2 credits each | PR | | 4 |
| CA-207 | Add-On (Advance C) (30 Hours) | SEC | 2 | |

## SYBBA (CA) SEMESTER-III

| Subject Code | Subject Name | Course | Credits | |
|---|---|---|---|---|
| | | | Th | Pr |
| CA-301 | Digital Marketing | CC | 3 | |
| CA-302 | Data Structure | CC | 3 | |
| CA-303 | Software Engineering | CC | 3 | |
| CA-304 | Angular JS | EC | 3 | |
| | OR | | | |
| CA-304 | PHP | EC | 3 | |
| CA-305 | Big data | EC | 3 | |
| | OR | | | |
| CA-305 | Block chain | EC | 3 | |
| CA-306 | Computer Laboratory Based on 302 , 304 and 305 (2 credits each) | PR | | 2+2+2=6 |
| CA-307 AECC | Environment Awareness | AECC | 2 | |

## SYBBA (CA) SEMESTER-IV

| Subject Code | Subject Name | Course | Credits | |
|---|---|---|---|---|
| | | | Th | Pr |
| CA-401 | Networking | CC | 3 | |
| CA-402 | Object Oriented Concepts Through CPP | CC | 3 | |
| CA-403 | Operating System | CC | 3 | |
| CA-404 | NODE JS | EC | 3 | |
| | OR | | | |
| CA-404 | Advance PHP | EC | 3 | |
| CA-405 | Project | EC | | 4 |
| CA-406 | Computer Laboratory Based on 402,404 (2 credits each) | PR | | 4 |
| CA-407 AECC | Add-On (30 Hours) | SEC | 2 | |

## TYBBA (CA) SEMESTER-V

| Subject Code | Subject Name |
|---|---|
| CA-501 | Cyber Security |
| CA-502 | Object Oriented Software Engineering |
| CA-503 | Core Java |
| CA-504 | Mongo DB   OR Python |
| CA-505 | Project (Based on VB) |
| CA-506 | Computer Laboratory Based on 503,504 |
| 5 | Add on Course-IOT(30 Hours) |

## TYBBA (CA) SEMESTER-VI

| Subject Code | Subject Name |
|---|---|
| CA-601 | Recent Trends in Information Technology |
| CA-602 | Software Testing |
| CA-603 | Advanced Java |
| CA-604 | Android Programming OR Dot Net framework |
| CA-605 | Project (Based on Dot net and Java and Android) |
| CA-606 | Computer Laboratory Based on 603,604 |
| 6 | Add on Course-Soft Skills Training |