

Chh. Shahu Institute of Business Education & Research Trust's

**V.P. INSTITUTE OF MANAGEMENT
STUDIES AND RESEARCH, SANGLI**

Affiliated to the Shivaji University, Kolhapur and Accredited by NAAC



PROSPECTUS

BACHELOR OF COMPUTER APPLICATION

(BCA)

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1. INTRODUCTION

Chh. Shahu Institute of Business Education and Research (SIBER) Kolhapur, the most prestigious B-School of SW. Maharashtra is unique in many respects. Firstly, the Institute was established way back in 1970s when only the Founder Chairman Dr. A.D. Shinde because of his vision and foresight could visualize the importance of management education in the years to follow. Secondly the Institute is fully committed to the cause of education in management and allied areas. Finally and most importantly, SIBER is the only B-School which has been conferred with the most coveted status of an Autonomous Institute by Shivaji University, Kolhapur, with the concurrence of the Government of Maharashtra and the University Grants Commission, New Delhi. All this speaks volumes of the achievements of the Institute and also reflects on its potential for excellence.

It was after soaring new heights and successfully running of SIBER that the Trust realised the long felt need of starting yet another Management Institute in the adjacent District of Sangli which finally culminated in the setting up of the VP. Institute of Management Studies & Research (VPIMSR) in Sangli in 1984 affiliated to the Shivaji University, Kolhapur. The establishment of VPIMSR proved a blessing in disguise for the rural youth of this area because it is the only Institute which caters to the specific needs of the students coming from the countryside and of those from the less privileged classes who cannot afford to join the ostentatious B-Schools in cities for pursuing their academic goals. VPIMSR will enable the students of this area to venture into the ever expanding dynamic world of business and come out with flying colours in life.

A distinct feature of the VP. Institute is that it is the only one which has been granted permanent affiliation by Shivaji University, Kolhapur to conduct the MBA Programme. The Institute gives an opportunity to the students to expose their latent talents and to excel in whatever they choose the study.

Vision:

- To foster ideas, courage determinations and to promote equal opportunities in higher education to the student community.
- To educate and prepare student community for professional excellence in an ever- changing complex business globe.

Mission:

- By adopting variety of modern pedagogies to facilitate the students in understanding, developing, interaction and applying core and specialized concepts and practices and to prepare students academically up-dated and professionally capable to accept and face the future challenges of market needs in the field of information technology, industrial automation and various functional areas of management.

2. BASIC INFORMATION OF THE COURSE**1) Objective of the Course:**

The main objective of the course is to develop different software development skills in the students with current trends in IT industry as well as Business Management and to take up student at various positions such as System Analyst, System Manager, Software Engineers, Web Design Programmers, EDP Managers, Database Administrators, Academician in different areas of computer application, Management and Information Technology Industry.

Keeping above mottos, curriculum includes extensive study of problem solving and system development, project design, development areas. The extensive practical areas of different programming environment are covered in various operating environments. It also includes versatile subjects on Entrepreneurship and Business Management.

2) Duration of BCA Degree:

The duration of the course is full time three years divided into three parts of six semesters.

3) Eligibility for Admission:

A candidate must have passed H. S. C.(10+2) in any stream or any diploma (of minimum two years duration after S. S. C.) awarded by State Board in any technical or vocational stream.

Intake Capacity: 80 students.

4) Duration, Teaching Schedule and Examinations:

The teaching of semester I, III and V will start from 1st July to 15th of October (14 weeks) and the teaching for the semester II, IV and VI will start from 1st Dec. to 15th March (14 weeks).

There will be semester end examination in November and April for all the semester. In addition there will be internal examinations for each paper to be conducted by the respective institutes /colleges

1. Structure of Syllabus:

B.C.A. Part-I (Semester- I and II)

Paper No.	Semester-I Name of The subject	Paper No.	Semester-II Name of The subject
101	Fundamentals of Computers	201	Software Packages
102	Programming in 'C' Part-I	202	Programming in 'C' Part-II
103	Principles of Management	203	Bank Management
104	Financial Accounting	204	Financial Accounting with Tally
105	Office Management And Communications	205	Principles of Marketing
106	Lab Course Based on Paper-101	206	Lab Course Based on Paper-201, 204
107	Lab Course Based on Paper-102	207	Lab Course Based on Paper-202

BCA Part – II (Semester III and IV)

Paper No.	Semester-III Name of The subject	Paper No.	Semester-IV Name of The subject
301	Cost Accounting	401	Entrepreneurship Development
302	HRM	402	Organizational Behaviour
303	System Analysis & Design	403	DBMS using MS-Access.
304	Object Oriented Programming with C++	404	Web Technology
305	Computer Oriented Statistical Methods	405	Computer Mathematics
306	Lab Course Based on Paper No. 304	406	Lab Course Based on Paper No.403 & 404
307	Lab Course Based on Paper No. 305 (Using MS-Excel)	407	Mini Project.

B.C.A. Part- III (Semester – V and VI)

Paper No.	Semester-V Name of The subject	Paper No.	Semester-VI Name of The subject
501	Management Accounting	601	Strategic Management
502	E-Commerce	602	Data Mining and Data Warehousing
503	Computer Network	603	Linux Operating System
504	RDBMS with Oracle	604	Java Programming
505	Visual Programming	605	Lab Course based on Paper no.-603
506	Lab Course based on 504 & 505	606	Lab Course based on Paper no. 604
507	Mini Project	607	Major Project

Standard of Passing :-

Rule 1 :

- (1) A candidate who fails at BCA Sem-I examination will be allowed to keep terms for BCA Sem-II examination.
- (2) A candidate who fails at BCA Sem-III examination will be allowed to keep terms for BCA Sem-IV examination.
- (3) A candidate who fails at BCA Sem-V examination will be allowed to keep terms for BCA Sem-VI examination.

Rule 2 :

1. A candidate who fails in not more than three heads of passing including aggregate of First Year BCA (Sem.I and II), Second Year BCA (Sem.III and IV) and Third Year BCA (Sem.V and VI) examination will be permitted to keep terms in the higher class namely, Second Year BCA (Sem.III and IV), Third Year BCA (Sem.V and VI).

Rule 3 :

1. No candidate will be admitted to Second Year BCA (Sem-III) of the course unless he/she
 - i) passes BCA sem-I and Sem- II examination. Or
 - ii) fails in not more than three heads of passing at the first year BCA Sem-I and Sem-II examination.
2. No candidate will be admitted to Third Year BCA (Sem-V) of the course unless he/she –
 - i) passes BCA sem-I, Sem-II, Sem-III and Sem- IV examination. Or
 - ii) passes his BCA Sem-I and BCA Sem-II examination and fails in not more than three heads of passing at the Second year BCA Sem-III and Sem-IV examination.

Rule 4 :

The class will be awarded on the basis of aggregate marks obtained by the candidate for all three years

The award of class will be as follows:

Aggregate Percentage of Marks Class

- (i) Aggregate 70% and above First Class with Distinction.
- (ii) Aggregate 60% and above but less than 70% First Class
- (iii) Aggregate 50% and more but less than 60% Second Class
- (iii) Aggregate 40% and more but less than 50% Pass Class
- (iii) Aggregate bellow 40% Fail

Rule 5:

- a) There is separate head of passing for Internal and External (i.e. University theory examination)
- b) The candidate must have to secure minimum 40% of marks for passing in each head.
- c) No class will be awarded to any part of examination.
- d) Scaling down for internal examination marks up-to 20% of university theory exam.

A. Nature of Question Paper:

Nature of question paper is as follows for University end semester examination

a. Theory Examination : 80 Marks
Duration : 3 Hrs

B. Nature of question paper :

There will be Eight (8) questions of 16 Marks and out of which five (5) to be attempted. Question NO.8 is compulsory and is of short answers.

Internal Exams : 20 Marks
Attendance : 5 Marks
Home Assignments : 5 Marks
Preliminary Examination : 10 Marks

C. Practical Examination(Lab Course):

i. Duration of Practical Examination : 2 Hrs.

ii. Nature of Question Paper

There will be three questions of 15 Marks each, Out of which student have to attempt any two questions.

iii. Distribution of marks

Journal	-	10 Marks
Oral Examination	-	10 Marks
Practical Examination-	-	30 Marks

Practical Examination conducted by the examination panel. There are two external and one internal examiner appointed by university.

D. Mini- Project

The Objective of the mini project is, to aware the student with current technology to be used in the IT industry. The language/platform of the mini-project to be selected from the subject studied in the previous and present semester. The Group size of maximum 4 students can do mini project.

E. Major Software Development Project :

The Objective of the major project is to design and develop the live application with current technology to be used in the various industries. The Group size of maximum two students can do major project.

Project Viva-Voce Examination conducted by the panel appointed by university.

4. Fees Structure

The structure of fees for the BCA course is determined by Shivaji University, Kolhapur. The Institute is governed by the directives of the University and therefore the fees charged are in accordance to the norms laid down by the University, which are as follows :

Sr.No.	Particulars	BCA-I	BCA-II	BCA-III
1	Development fee	50	50	50
2	Tuition fees	14000	14000	14000
	(A) Total	14050	14050	14050
		UNIVERSITY FEES		
3	Agrani College	50	50	50
4	Aptkalin Nidhi	10	10	10
5	Ashwedmedh	25	25	25
6	E-facilities	50	50	50
7	Eligibility fee	100	0	0
8	Env.studies fee	0	355	0
9	Insurance fee	25	25	25
10	P.G.Registration	0	0	0
11	Pro-rata	30	30	30
12	S.A.F.	15	15	15
13	S.W.F.	15	15	15
14	T.C.Fee	0	0	0
15	Youth festival	55	55	55
16	Self Finance Unit	10	10	10
17	Exm.fee	1426	1426	1426
	(c) University	1811	2066	1711
		Other Fees		
18	Admission/Form	50	50	50
19	Computer fee	0	0	0
20	Gym.fee	0	0	0
21	I Card	25	25	25
22	Library fee	500	500	500
23	Study material	500	500	500
24	Term fee	0	0	0
25	Allumini Association Fund	500	500	500
	(B) Other	1575	1575	1575
	Total (A+B+C)	17436	17691	17336
26	Library Deposit	500	0	0

University Eligibility fees and Examination fees will be charged separately as per the directives of Shivaji University, Kolhapur.

5. Teaching Staff :

DEPARTMENT OF COMPUTER APPLICATION

Sr. No.	Name	Qualification	Designation
1	Dr. S.T. Bhosale	MCA, M.Phil, MBA, M.Sc. (Sub.Com.), Ph.D.	Assistant Professor
2	Dr. Mrs. V.S. Jadhav	B.Sc., MCA, M.Phil, Ph.D.	Assistant Professor
3	Prof. A.B. Patil	B.Sc., MCA, M.Phil. M.Com (Sub.Com)	Assistant Professor
4	Dr. A.A. Sattikar	B.Sc., MCA, M.Phil., M.Com (Sub.Com.), Ph.D.	Assistant Professor
5	Prof. Mrs. V.P. Desai	BCA, MCA, M.Phil	Assistant Professor
6	Prof. A.A. Govande	BCS, M.Sc, MCA, M.Phil	Assistant Professor
7	Prof. Mrs. A.R. Rasal	BCS, MCA, SET	Assistant Professor
8	Prof. I.A. Attar	BCS, MCA	Assistant Professor
9	Prof. Mrs. J.M. Bohra	B.Sc, MCA	Assistant Professor
10	Prof. Miss. T.U. Swant	BCA, MCA, NET	Assistant Professor

6. Details of Infrastructural facilities

a) Library: Well staged central library for all departments with J-Gate and EBSCO e-journal

b) Computing:

- Name of the Internet Provider : Airtel
- Available Bandwidth : 155 Mbps Landline and Leased Line & Wi-Fi
- Class Rooms : Class rooms are equipped with ICT facility
- Laboratories : 3 Computer Labs with recent configurations

c) Support structures

1. ICT enabled classrooms.
2. Seminar hall equipped with Video conferencing facility
3. State of art computing facilities.
4. Language lab with multimedia facility.
5. Library with offline and online resources.
6. Auditorium hall for co-curricular activities
7. Moodle and Fedena software system.

d) Teaching-Learning methods

- Seminar method
- Case study method
- Group discussion method
- Lectures were organized via video conferencing in seminar hall
- Mini projects (Individual and group based projects) in individual subjects
- Research paper publication in conference/seminars/journals
- Guest lectures
- Remedial classes for slow learners
- Cash prize test for improving employability skills
- BEC (Business English Communication) classes for all students (The fees are borne by the Institute.)
- Foundation classes for freshers.
- Inter and Intro-collegiate competitions.
- Book bank scheme for meritorious and economically poor students.

7. Other Facilities

a) Industrial interaction/Visit

With prior permission of Principal, the placement cell along with the students visits the industries, to observe and understand their work culture and to know departmental communication procedure.

b) Career Counseling

Placement officer provides guidance to the students on various issues pertaining to competitive examinations such as structure of examination, guidance for preparation of examination, personal interviews at regular intervals through formal as well as informal interaction with them. The students are trained for interviews by conduction of activities like Field work, Mini Project, Role play, Debates, Mock interview, Group discussion, General and technical aptitude tests etc.

रॅगींग -

सन १९९९ महाराष्ट्र शासन राजपत्र अधिनियम क्रमांक ३३ नुसार महाराष्ट्र राज्यात शैक्षणिक संस्थामध्ये रॅगींग करण्याची मनाई करण्यात आली आहे. शासनाचे पत्रानुसार रॅगींग (शारीरिक व मानसिक छळ) केलेले कोणी आढळल्यास त्यास दोन वर्षे कारावासाची शिक्षा व दहा हजार रुपयापर्यंत द्रव्यदंडाची शिक्षा होण्यास पात्र असेल. रॅगींग अपराध सिध्दापराधी ठरलेल्या कोणत्याही विद्यार्थ्यास संस्थेतून काढून टाकणेत येईल व काढून टाकल्याच्या दिवसापासून ५ वर्षांच्या कालावधीपर्यंत कोणत्याही इतर संस्थेत प्रवेश देता येणार नाही

c) Scholarship/Fee Concession

The Institute follows the norms set by the Government for scholarship to SC/ST/OBC/ Women/ Economically Weaker sections/ Differently abled/Minority community and other.

Besides Government scholarship, the Institute contributes 50% and 0% of tuition fees of the girl students of DBM and the students of BBA/BCA program respectively, who are deprived from any other kind of scholarship.

Late Prof. Dr. A .D. Shinde Merit Scholarship 2018-19

A. MERIT SCHOLARSHIP SCHEME: It is introduced by VPIMSR, Sangli from the academic year 2018-19 for BBA and BCA courses. It is available to meritorious students from classes BCA & BBA I, II and III.

B. OBJECTIVE: - To provide financial assistance to meritorious students and to meet a part of their educational expenses while pursuing degree courses.

C. ELIGIBILITY: - Students who are having passing certificate of XII class (Arts, Commerce, Science), Diploma, MCVC etc. as per eligibility condition prescribed by Shivaji University, Kolhapur for seeking admission to BBA, BCA course.

D. SELECTION PROCEDURE

The scholarships will be awarded on the following basis:-

- For First year BBA and BCA -Merit Scholarship, test will be conducted by the Institute based on prescribed syllabus. (Syllabus of VP MERIT SCHOLARSHIP is available in the Institute)
- Interested candidates should have to register their names by filling and submitting Application Form which is available in the Office (From 1 June to 20 June)
- Scholarship is given to 10 top scholars for each course (Based on the weight age of 50% to the marks obtained at each XII class and in Merit Scholarship Test).
- Eligible candidates for scholarship should have to take admission in the Institute for the prescribed course and have to continue further education at VPIMSR up to completion of the course.

E. RULES FOR BBA AND BCA-II AND III:

- Overall performance is monitored that includes- attendance, participation in the events, discipline etc.
- Note: Every year in the month June (Second or Third week) Merit Scholarship Test will be conducted in the Institute and on that basis scholarships are awarded.

F. RATE AND DURATION OF SCHOLARSHIPS

- The amount of scholarship for eligible student would be Rs.1500/- per student for BBA course and Rs. 3000/- per annum for BCA course, taking into consideration the fees for the respective courses..

Note: There may be changes in the norms and conditions as per Course structure Guidelines. Scholarship committees' decision will be final decision

8. GENERAL INSTRUCTIONS

- Candidate should carefully read, before being admitted, the prospectus issued by the Institute as well as the relevant University publications. The rules contained in the course as well as those made by the Institute and changes made therein, from time to time, shall be binding on the candidate and on his / her guardians.
- Candidates are admitted to the course, subject to the rules of Shivaji University, Kolhapur as to the eligibility, grant of terms etc.
- The fees prescribed by the University for the course must be paid at the time of admission. Failure to do so shall result in cancellation of admission.
- If a candidate is entitled to any Government Scholarship or Freeship, the amount of such scholarship or freeship will be paid to him / her only when it is actually received by the Institute from the appropriate authorities.
- For the grant of two terms and for eligibility to fill in the University Examination Form of the course, candidate must attend at least 80% of the lectures for the course as laid down by the University.
- No candidate shall be considered to have pursued course of study unless he / she is certified by the Principal to have attended at least 80% of the lectures and satisfactorily completed all the tutorials, seminars and internal work as laid down by the University.
- Every candidate must attend the classes regularly and complete his / her class work, tutorials, seminars and assignments within the stipulated period. Attendance for periodical test and surprise tests conducted from time to time is compulsory.
- All the submissions with respect to the internal marks have to be done in the allotted time only. Late submissions are not allowed.
- The students will be exposed to the business world through constant liaison and interaction with the industry and faculty of leading Management Institutes.

- A very high standard of discipline, regularity and punctuality is expected from the candidates, failure of which will be viewed seriously in judging the performance of a candidate.
- No candidate shall be allowed to appear for the University Examination unless he / she satisfies all the rules and regulations laid down by the University.
- Fees are not refundable on any account except the amounts paid as Library Deposit and Caution Money. Whenever admission of a student is to be cancelled by him / her, the student should intimate to the Principal in writing, with the written consent of his / her guardian.
- The students are required to be in the prescribed dress code on the campus on the stipulated days and when the occasions demand.
- The code of conduct as laid down by the Institute is required to be strictly followed by the students.



CERTIFICATE

This is to certify that University approval is given to *Vasandraodada Patil Institute of Management Studies and Research, Wanleswadi, Tal.Miraj, Dist.Sangli* to conduct the following courses for the academic year 2019-20.

ENGINEERING FACULTY

M.B.A. Part I & II	Permanent Affiliation	Intake 60
Govt. Recent Approval	- एनजीसी/३५९४/एमबीए/७४९७/मशि-३ दि. २१/०७/१९९४	
University Approval	- PG/Affi./VYJ/5131, Date. 02/08/2005	
A.I.C.T.E. Recent Approval	- Westem/1-4259311068/2019/EOA Date 10 April, 2019	
M.Com. I & II	Non Grant Division - 1	Permanent Affiliation
Govt. Recent Approval	- शिक्षणसेयो/म.शा./क्र.यकेएफ/१०८३/६५२(ममु)/(७४९८)विशि-३, दि.०२/०५/१९८४	
University Approval Course	- PG/Affi./VYJ/5131, Date. 02/08/2005	
	- M.Com. Intake 50	
D. B. M.	Non Grant Division - 1	Permanent Affiliation Intake 60
Govt. Recent Approval	- शिक्षणसेयो/म.शा./क्र.यकेएफ/१०८३/६५२(ममु)/(७४९८)विशि-३, दि.०२/०५/१९८४	
University Approval Course	- PG/Affi./VYJ/5131, Date. 02/08/2005	
	- D. B. M. All Syllabus	
D. I. T.	Non Grant Division - 1	Permanent Affiliation Intake 60
Govt. Recent Approval	- यकेएफ/१०८३/६५२(ममु)/(७४९८)विशि-३, दि.०२/०५/१९८४	
University Approval Course	- PG/Affi./VYJ/5131, Date. 02/08/2005	
	- D. I. T. All Syllabus	
B.B.A	Non Grant Division	Intake 80
Govt. Recent Approval	- क्र.शिविसं-२००६/(२३१/०६)/मशि-३, दि. २१/०६/२००५	
University Recent Approval Course	- शिवाजी.वि./संलग्नता/टी-२/विद्यापरिषद बैठक, दिनांक.२४/०५/२०१९.	
	- All Syllabus	
B.C.A.	Non Grant Division	Intake 80
Govt. Recent Approval	- क्र.शिविसं-२००६/(२३१/०६)/मशि-३, दि. २१/०६/२००५	
University Approval Course	- शिवाजी.वि./संलग्नता/टी-२/विद्यापरिषद बैठक, दिनांक.२४/०५/२०१९.	
	- All Syllabus	

Registrar
Shivaji University,
Kolhapur.

SHIVAJI UNIVERSITY, KOLHAPUR

Sr. No. **No. 000761**



2

P.G.D.C.A. Non Grant Division

Intake 60

Govt. Recent Approval
University Approval
Course

- क्र.शिविसं-२००६/(२३१/०६)/मशि-३, दि. २१/०६/२००५
- शिवाजी.वि./संलग्नता/टी-२/विद्यापरिषद बैठक, दिनांक.२४/०५/२०१९.
- P.G.D.C.A. All Syllabus

M.C.A. Part I, II & III

Intake 60

Govt. Recent Approval
D.T.E. Approval
University Approval
A.I.C.T.E. Approval

- संकीर्ण-२०१०/८१८८/२०१०/तांशि-४ दि. ३०/०७/२०१०
- २/एनजीसी/मान्यता/२०१०/२३७४/दि. ०८/११/२०१०
- शिवाजी.वि./संलग्नता/टी-२/विद्यापरिषद बैठक, दिनांक.२४/०५/२०१९.
- Westem/1-3323617026/2017/EOA Date 30 March, 2017

B.B.A. II, B.C.A. II

University Circular
Compulsory

- SU/BOS/Env.sy1/Dhawani/11594/11125, Dtd.16 March, 2005
पर्यावरणअभ्यास

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Place: KOLHAPUR No 5 71 1
Date : - 6 JUN 2019


Registrar,
Shivaji University,
Kolhapur.