



Estd. 1964

Karmveer Vitthal Ramaji Shinde Shikshan Sanstha's

Shivraj College, Gadhinglaj

PROSPECTUS 2019-20

CREATING A
CAREER OF
EXCELLENCE



B.B.A.

B.C.A.

B.Sc.
(Computer Science
Entire) /
B.C.S.

B.Sc.
(Computer Science)

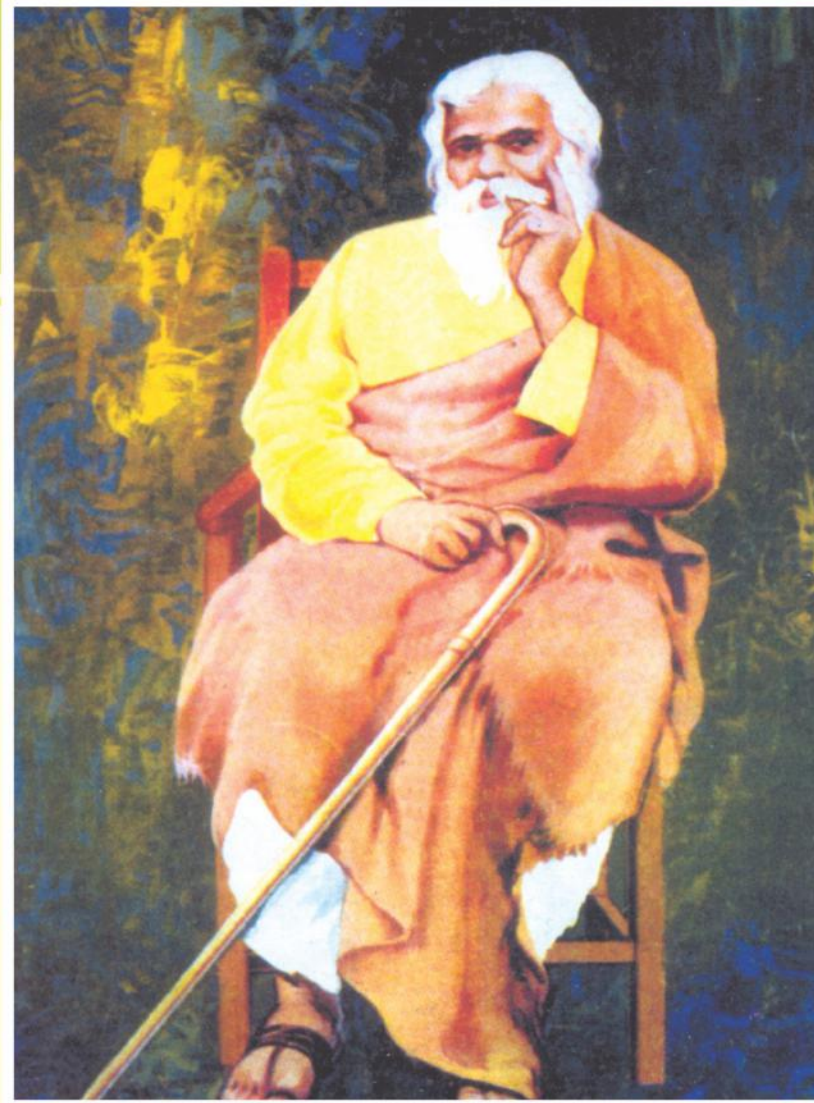
B.Sc.
(Micro Biology)

Tal. Gadhinglaj, Dist. Kolhapur - 416 502. Ph.: 02327-222307, 222078

E-mail : Shivrajcollege64@gmail.com

Website : www.shivraj.edu.in

Inspiration.....



Karmveer Vitthal Ramaji Shinde

Birth : 23rd April 1863

Death : 2nd January 1944

President's Desk

Global business environment is under tremendous pressure and rapid changes are taking place in social, cultural, legal, economic, political and technological areas across the world. There are free movements of resources from one to other country and we are moving towards globalization. In present situation, India is emerging as one of the most attractive destination for business. Due to advent of MNCs in India and abroad, a lot of opportunities in business have been created and challenges have increased. In India, Indian Universities and Institutions have accepted the challenges strongly.

SHIVRAJ, an institute of new age, believes in the best. It is providing great opportunities and total ambient to our loved students to achieve their dreams in both corporate and social realms.

We at the Institute of Business Administration and Computer Application heartily welcome you to join the family where change and growth is the order of the day.

Welcome !

Prof. K. V. Kurade
President

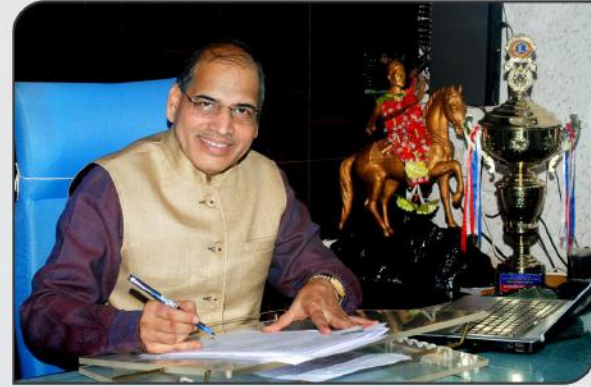


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Dignitaries at SHIVRAJ



Principal's Desk



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Shivraj College of Arts, Commerce and D. S. Kadam Science College, Gadhinglaj is one of the hub of education. The college has been imparting knowledge since 1964. It is functioning as the pioneer college of all the disciplines for the students of Ajara, Chandgad and Gadhinglaj Tahsils. With the establishment of Professional courses like BBA, BCA, BCS, B. Sc. Computer Science, B.Sc. Microbiology & M.Sc. (Computer Science, Organic Chemistry) along with B.A., B.Com., B.Sc., M.A., M.Com. the college has strengthened its steps in the field of professional education.

The College has the asset of 14 acres campus, a well-equipped world-class computer lab, a huge playground and the most important asset is library. The library comprises of more than 67,000 books.

Our staff and the management has better understanding and co-ordination. With all these assets the college is looking forward to start various new courses like MCA, MSW, D.Pharm, B.Pharm in the nearest future.

A warm welcome to you !

Dr. R. B. Teli
I/c Principal

Days at Shivraj

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Days at Shivraj



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Days at Shivraj



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साहित्य, वाणिज्य आणि डी.एस. कदम शिक्षाल महाविद्यालय

संभाजीराव माने
कनिष्ठ महाविद्यालय, गवहिल्लज

High standards

- High standards of Education & study.
- Highly experienced faculty.
- Multiple Skills acquisition
- Elegant dress code
- Excellent Results



Support through numerous services

- Scholarships, rewards and recognition for deserving students
- Career & placement services.
- Entrepreneurial Development Programmes.

support



facilities

Infrastructure

- Library & Information Center
- Fully equipped laboratory and research centers.
- Sports center.
- Gymnasium.
- College canteen



Experience life to the fullest

- Vibrant student culture
- Value based Programmes.
- Outdoor learning
- Pollution free atmosphere

enrichment

Our motto is **“SEVA PERMO DHARMA”**

सेवा परमो धर्म :

Means **‘SERVICE ITSELF IS THE SUPREME RELIGION’**

VISION

Giving higher education to the students and preparing them to build strong India based on reasoning, conscience, compassion and philanthropy.

MISSION

Our mission is to provide quality education to the students of Gadhinglaj, Ajara, Chandgad Tahasils and Maharashtra, Karnataka, Goa-Kokan border areas to change their minds with newly advanced Socio-Economic knowledge and technology.

GOALS

1. To promote professional education to the rural students in the field of Humanities, Commerce, Science and Technology.
2. To motivate and to encourage research activity among the teachers and the students for upliftment of the society.
3. To maintain discipline, decorum and nationality in the students.
4. To create awareness regarding environmental conservation.

OBJECTIVES

1. To create awareness about standards of education and to develop self-respect in the personality of students.
2. In the wake of growing needs of e-governance to expose the students to the new technologies and trends so as to prepare them to face the challenges at global level.
3. To undertake faculty development programmes to enhance the academic quality of the institute.
4. To start professional courses based on computer technology to prepare our students for the growing demands of job market.

SHIVRAJ

Shivraj College established under the leadership of Shri. V. T. Patil, the founder President of Tararani Vidyapeeth, Kolhapur, in the hilly remote and backward area of Kolhapur district. This was an unique experiment. His efforts were supported by Dr. S. S. Ghali and other eminent social workers from this region. In 1974, Shivraj College was hand over to Karmveer Vitthal Ramaji Shinde Shikshan Sanstha, Gadhinglaj. Under the dynamic leadership of Hon. Shri. Balasaheb Mane, the college attained perfection. The faculty of Science was started in the year 1982, and is the unique science college for the students from Ajara, Chandgad and Gadhinglaj.

The college celebrated its Silver Jubilee as an institute with a difference. Our library comprising more than 67000 books. Basically our students belong to least academic background and do not have an ideal environment conducive to academic growth. Against this background, the college has produced toppers in the merit list of Shivaji University, Kolhapur.

Under the leadership of Prof. K. V. Kurade, the President of the institution has started B.Sc. (Computer Science), B.C.S., B.B.A., B.C.A. & B.Sc. Microbiology in this region. The College also offers P. G. courses like M.Sc. (Computer Science, Organic Chemistry) M. A. (Marathi, Hindi, Economics, English) M.Com. (Accountancy) and M.B.A. (Y.C.M.O.U.)

The thrust of our institution is to sharpen our students to aspire for M.P.S.C. and U.P.S.C. We have produced several P.S.I., Chief Officers, Managing Directors, Software Engineers & Management Professionals.

Sincere efforts are being made to

- Impart quality education.
- Promote career awareness.
- Imbibe the principles of secularism, radical humanism, and scientific awareness with quality assurance.

The college has the wide campus of 14 acres. It is the pollution free zone in Gadhinglaj. Our Infrastructure consist of lecture halls, well equipped laboratories, unique library, separate gyms for boys and Girls, 400 meters track, a football and cricket ground. We have 19 Ph.D. holders, 14 M.Phil and 21 faculties have availed of F.D.P. of UGC.

Future plans

- To develop a botanical garden with medicinal plants.
- To construct auditorium, separate cabins for humanities post graduate section and departmental libraries.
- To construct boys hostel and Principal quarter.
- To start new courses in Biotechnology and Information technology.
- To start P. G. courses like M.B.A., M.C.A. etc.

Campus

Our campus spread over an area of 14 acres land, the main building built in elegant (graceful) structure. The Landscape garden covering an area of 3 acres add luster (shining surface) and greenery to the campus.

COLLEGE HISTORY



LIBRARY

The library with rich, varied and rare collection of more than 67000 books on its shelves, is a veritable 'Treasure House' for the scholars, teachers and students, containing the boundless ocean of knowledge in its bosom the library is nourishing the aspirations of the levels of knowledge. Constant updating of the books is done in tune with the changing needs, in the direction, the library is fully automated. The reading room attached to the library provides news papers, periodicals and magazines for general reading purpose apart from large number of professional journals.

COMPUTER LABORATORY

"Digital Vision" the computer laboratory is a unique feature of the college. Our institute having branded computer like IBM, Compaq along with latest 150 Assembled computers (Dual core, CorezDno, Pentium IV) are placed in different five well constructed labs.

Every lab is well equipped with latest Printers, Scanners and Legal Licence Software. All computers are in LAN with unlimited Broadband Internet connection which provides facilities to all students. We have 30 kv Generator (Mahindra) to overcome load shading problem. The practicals are conducted for BBA, BCA, BCS, BSc (Computer Science), M.Sc. (Computer Science) classes.

STUDENT SUPPORT SERVICES

NCC and NSS :- The college had the NCC and NSS units for the students. The training is given on every Sunday to the cadets / volunteers by the experienced and dedicated NCC / NSS officers. Our students also represents the college in the Republic Day Parade at New Delhi on 26th January.

GYMKHANA AND SPORTS

The gymkhana department of the college provided the facilities in the field of sports and games. The college has necessary infrastructure facilities for sports like Hockey, Kho-Kho, Cricket and Football.

The Gymkhana provided the multi trainer, weight lifting sets and facilities for other indoor games. The department is supervised by the highly qualified & experienced Physical Education Director.

ATTENDANCE AND DISCIPLINE

- 1) No candidate shall be considered to have pursued the regular course of study unless he / she is certified by the principal to have attended at least 80% of the Lectures and 80% of the practical work held.
- 2) Students will be exposed to software professional and experts in the fields through regular practical and guest address. Attendance for the same will be compulsory.
- 3) A very high standard of discipline, regularity and punctuality is expected from the candidates. Failure on this account will be viewed seriously in judging their performance.
- 4) Identity Card is compulsory in college campus
- 5) Use of mobile is prohibited in the college premises.



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The Bachelor of Business Administration (B.B.A.) program is offered by Shivraj College Gadhinglaj affiliated to Shivaji University, Kolhapur with a view to impart indepth knowledge and broad understanding of different areas in management.

The B.B.A. program focuses on various areas of management and prepares students for a career in management by facilitating them to progress to M.B.A. qualification in due course.

OBJECTIVES

- 1) To facilitate students in understanding, developing, integrating and applying both core specialized concepts and practices.
- 2) To provide students with stimulating and learning friendly atmosphere to utilize higher level of their intellectual capacity, required to specialized in respective areas of study.
- 3) To provide conceptual and in-depth knowledge of different subjects of business education.
- 4) To build up self confidence and competency in students to take up self employable business ventures.
- 5) To give an adequate exposure to operational environment in the field of Management..
- 6) To impart training to use modern techniques of management for the benefit of all parties concerned.

COURSE INFORMATION

- 1) This programme is designed and delivered on the paradigm of cross-functional integration and continuous learning.
- 2) The programme offers subjects like Finance, Marketing, Information Technology, Production & Service Management, Human Resource Management, Entrepreneurship development etc.
- 3) These are the mandatory papers introduced by the University.

ELIGIBILITY

The candidate must have passed HSC (10 + 2) in any stream or any Diploma (of minimum 2 years duration if 10th / SSC awarded by University / State Board in any technical or vocational stream).

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

MEDIUM : The medium of instruction is English.

ADMISSION POLICY : Admission to the course shall be according to the existing rules of the Shivaji University, Kolhapur.

INTAKE : 80 students per year.

B.B.A.

BACHELOR OF
BUSINESS ADMINISTRATION



STRUCTURE OF BBA PROGRAMME

FIRST YEAR

Semester	Sr. No.	Subject Title	Marks
SEMESTER - I	1	Principles of Management - Paper - I	50
	2	Financial Accounting - Paper - I	50
	3	Human Resource Management - Paper - I	50
	4	Business Economics (Macro-I) - Paper - I	50
	5	Marketing Management - Paper - I	50
	6	Business Communication - Paper - I	50
	7	Computer Applications in Business - Paper - I	50
		TOTAL	350
SEMESTER - II	8	Principles of Management - Paper - II	50
	9	Financial Accounting - Paper - II	50
	10	Human Resource Management - Paper - II	50
	11	Business Economics (Macro-I) - Paper - II	50
	12	Marketing Management - Paper - II	50
	13	Business Communication - Paper - II	50
	14	Computer Application in Business - Paper - II	50
		TOTAL	350

Note: Syllabus may be changed as per University rules.

SECOND YEAR

Semester	Sr. No.	Subject Title	Marks	
SEMESTER - III	15	Management of Business Services - Paper - I	50	
	16	Cost and Management Accounting - Paper - I	50	
	17	Production Management	50	
	18	Business Economics (Macro-II) - Paper - I	50	
	19	Entrepreneurship Development - Paper - I	50	
	20	Statistical Techniques for Business - Paper - I	50	
	21	E-commerce - Paper - I	50	
	22	Environment Science	--	
			TOTAL	350
	SEMESTER - IV	23	Management of Business Services - Paper - II	50
24		Cost and Management Accounting - Paper - II	50	
25		Material Management	50	
26		Business Economics (Macro-II) - Paper - II	50	
27		Entrepreneurship Development - Paper - II	50	
28		Statistical Techniques for Business - Paper - II	50	
29		E-commerce - Paper - II	50	
30		Environment Science	100	
			TOTAL	450



THIRD YEAR

Semester	Sr. No.	Subject Title	Marks
SEMESTER - V	31	Fundamentals of Business Laws and Tax Laws Paper-I	50
	32	Practices in Modern Management Paper-I	50
	33	Recent Trends in Marketing Paper-I	50
	34	International Business Paper-I	50
	35	Financial Management Paper-I	50
	36	Foundation of Human Skill Paper-I	50
	37	Research Methodology Paper-I	50
		TOTAL	350
SEMESTER - VI	38	Fundamentals of Business Laws and Tax Laws Paper-II	50
	39	Practices in Modern Management Paper-II	50
	40	Recent Trends in Marketing Paper-II	50
	41	International Business Paper-II	50
	42	Financial Management Paper-II	50
	43	Foundation of Human Skill Paper-II	50
	44	Project Work Paper-II	50
		TOTAL	350

DETAILS OF MARKS

Each subject/paper during each semester will carry 50 marks. Out of this, 40 marks will be allotted to University theory papers and 10 marks to be given by each subject teacher through internal evaluation.

Division of Internal marks (B.B.A. II / B.A.A. III)

(a) Preparation of Seminar / Field work	5 Marks
(b) Presentation of Seminar / Field work report (Through Seminar)	5 Marks
Total Marks	10 Marks

STANDARD OF PASSING

- The candidate who has secured 40 percent marks in each head of internal & external examination shall be declared to have passed in the paper.
- A candidate who fails in any particular theory papers shall be allowed to reappear for that theory papers. However, his / her internal credit marks shall be carried over.
- A candidate who fails in one or two theory papers at the end of the each year shall be allowed to keep terms for the next year.

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TEACHING ARRANGEMENTS

A variety of teaching & assessment methods are used throughout year including lectures, seminars, tutorials, assignments, group dynamic sessions, work shops, field visits, projects, executive meets, quiz, picks, role play etc.

METHODS OF INSTRUCTION

The programme aims at the development of skills in decision making through case studies, project works, seminars, tutorial, discussion etc.

- Formal lectures by the full-time & part time staff as well as by visiting professors.
- Seminar, Group Discussion on selected problems of business and industrial management.
- Case decisions based on the situations drawn from business and industry in most of which, the executives are faced with complicated problems requiring close analysis and sound decision.

INPLANT TRAINING

- Compulsory inplant training of 30 days for final year students only.
- 40% is the minimum passing for inplant training, project report evaluation and viva-voce.

CAREERS

Graduates of this course can pursue careers in Chartered Accountancy, ICWA, MBA, MCA, Company Secretariship, Banking, Financial Services, Management consultancy, Insurance, Stock Exchange, Tax consultancy, Auditing, Finance, Sales, Marketing, Advertising, Human Resource Planning and Management, Civil Services and other Competitive Examinations etc., Self employment C.A., C.S., ICWA, Banking & Financial Institute, Management Consultancy, Tax Consultancy, Sales & Marketing, Advertising & Research, Human Resource Planning & Management, Production Management, Financial Management, Civil Services, Competitive Examination



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INTRODUCTION

The main objectives of the course is to develop the abilities of the students, to prepare different softwares in accordance with the current trends in IT industry and Business Management. The course also aims at equipped the students to acquire various positions such as System Analyst, System Manager, Software Engineers, Web Design Programmers, EDP Managers, Database Administrators, Academician in different areas of computer applications, Management and Information Technology Industry.

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

OBJECTIVES

This is three years bachelor degree in Computer Applications aimed at developing Computer professional versatile in use of computers mostly in business world. The emphasis is to have generality of developing professionals as programmers, system analysts, database administrators, documentation officer etc.

ELIGIBILITY

The candidate must have passed HSC (10 + 2) in any stream or any Diploma (of minimum 2 years duration if 10th / SSC awarded by University / State Board in any technical or vocational stream).

DURATION

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

MEDIUM

The medium of instruction is English.

INTAKE

80 students per year.

CAREERS

Graduates in this course can pursue successful careers in MCA, M.B.A., Banking, Software consultancy, Marketing, Advertising, Civil services and other competitive examinations, self employment etc.

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B.C.A.

BACHELOR OF
COMPUTER APPLICATION



STRUCTURE OF BCA DEGREE
FIRST YEAR : Semester-I

No.	Subject Title	Internal Evaluation	University Exam.	Marks
1	Introduction To Computer and Operating Systgem	20	80	100
2	Programming Technique using 'C' Part-I	20	80	100
3	Principles of Management	20	80	100
4	Financial Accounting	20	80	100
5	Office Management And Communications	20	80	100
6	Lab Course -	20	80	100
	Lab Course Based on Paper - 1		50	50
	Lab Course Based on Paper - 2		50	50

FIRST YEAR : Semester-II

No.	Subject Title	Internal Evaluation	University Exam.	Marks
1	MS-Office - Tools	20	80	100
2	Programming Technique using 'C' Part-II	20	80	100
3	Bank Management	20	80	100
4	Financial Accounting with Tally	20	80	100
5	Principles of Marketing	20	80	100
6	Lab Course -	20	80	100
	Lab Course Based on Paper - 3		50	50
	Lab Course Based on Paper - 4		50	50

Note: Syllabus may be changed as per University rules.

SECOND YEAR : Semester-III

No.	Subject Title	Internal Evaluation	University Exam.	Marks
15	Cost Accounting	20	80	100
16	HRM	20	80	100
17	System Analysis & Design	20	80	100
18	Object Oriented Programming with C++	20	80	100
19	Computer Oriented Statistical Methods	20	80	100
20	Lab Course Based on Paper No. 304		50	50
21	Lab Course Based on Paper No. 305 (Using MS-Excel)		50	50
	TOTAL	100	500	600



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SECOND YEAR : Semester-IV

	Subject Title	Internal Evaluation	University Exam.	Marks
22	Entrepreneurship Development	20	80	100
23	Organizational Behaviour	20	80	100
24	DBMS Using MS-Access	20	80	100
25	Web Technology	20	80	100
26	Computer Mathematics	20	80	100
27	Lab Course Based on Paper No. 403 & 404		50	50
28	Mini Project		50	50
	TOTAL	100	500	600

THIRD YEAR : Semester-V

No.	Subject Title	Internal Evaluation	University Exam.	Marks
29	Management Accounting	20	80	100
30	E-Commerce	20	80	100
31	Computer Network	20	80	100
32	RDBMS with Oracle	20	80	100
33	Visual Programming	20	80	100
34	Lab Course Based on 504 and 505	20	00	50
36	Mini Project	50	00	50
	TOTAL	200	400	600

THIRD YEAR : Semester-VI

No.	Subject Title	Internal Evaluation	University Exam.	Marks
37	Data Mining and Data Warehousing	20	80	100
38	Linux Operating System	20	80	100
39	Java Programming	20	80	100
40	Lab Course Based on Paper No. 603	50	00	100
41	Lab Course Based on Paper No. 604	50	00	50
42	Major Project	20	80	50
	TOTAL	200	400	600

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Details of Marks

A) Details of Internal Evaluation (BCA II & III)

Attendance	5 Marks
Assignments, Seminars, Oral Exam	10 Marks
Mid Test	5 Marks
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Total	20 Marks

B) Marks of Lab course and Mini Project will be given by the concern college on the basis of evaluation by the external & internal examiner.

C) Project Report & Viva Voce :

Project report will be assessed by the internal teacher at the end of 6th Sem. out of 20 marks & there will be Viva-Voce examination of 80 marks. The panel of examiners will consists of one internal & one external appointed by the University.

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

OR

 - ii) Fail in not more than three heads of passing at the First Year BCA Sem. I & II examination.
2. No candidate will be admitted to Third Year BCA (Sem. V) of the course unless he / she
 - i) Passes his BCA Sem. I, Sem. II, Sem. III & Sem. IV examination.

OR

 - ii) Passes his BCA Sem. I and Sem. II examination and fails in not more than three head of passing at the Second Year BCA Sem. III & IV examination.



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B.Sc. (Computer Science - Entire)/ B.C.S.



OBJECTIVES

This is three years Bachelor degree course in Computer Science aimed at developing Computer Professionals and Software Engineers. The main objective of this course is every student should be computer literate and choose career in IT industries.

ELIGIBILITY

- A) i) The Students passing the Higher Secondary Examination conducted by the Maharashtra State Board of Higher Secondary Education in science stream, shall be eligible for admission to the BCS-I course.
- ii) An examination of any other statutory University or an examining Body recognized as equivalent thereto.
- B) No candidate shall be admitted to the B.C.S. Part-I semester examination unless he has satisfactorily kept respective terms for the course at a college affiliated to this University.

DURATION

The course shall be full time three years course.

MEDIUM

The medium of instruction and examination will be in English only.

INTAKE

A batch shall consisting of 80 students only.

Structure of B.Sc. (Computer Science - Entire)/ B.C.S.

Syllabus of BCS I

Mathematics : Semester - I

Sr.No.	Paper	Name of Paper	Marks
1	Paper I	Discrete Mathematics	50
2	Paper II	Algebra	50

Mathematics : Semester - II

Sr.No.	Paper	Name of Paper	Marks
1	Paper III	Graph Theory	50
2	Paper IV	Calculus	50

Practical (Annual)

1	Practical I & II	Mathematics Practical I & II	100
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B.Sc. (Computer Science - Entire) / B.C.S.



ELECTRONICS : Semester - I

Sr.No.	Paper	Name of Paper	Marks
1	Paper I	Electronics Devices and Circuits - I	50
2	Paper II	Digital Electronics - I	50

Semester - II

Sr.No.	Paper	Name of Paper	Marks
1	Paper III	Electronics Devices and Circuits - II	50
2	Paper IV	Digital Electronics - II	50

Practical (Annual)

1	Practical I & II	Electronics Practical I & II	100
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STATISTICS : Semester - I

Sr.No.	Paper / Practical No.	Name of Paper	Marks
1	Paper I	Descriptive Statistics I	50
2	Paper II	Probability and Descrete Probability Distributions	50

Semester - II

Sr.No.	Paper	Name of Paper	Marks
1	Paper III	Descriptive Statistics II	50
2	Paper IV	Continuous Probability Distributions and Testing of Hypothesis	50

Practical (Annual)

1	Practical I & II	Statitics Practical I & II	100
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COMPUTER SCIENCE : Semester - I

Paper No.	Name	Marks
1	Introduction to Computer and Data Processing - I	50
2	Introduction to Programming Using C-I	50

Semester - II

Paper No.	Name	Marks
1	Introduction to Computer and Data Processing - II	50
2	Introduction to Programming Using C- II	50

Practical (Annual)

1	Laboratory Course in Computer Science - I & II	100
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Note: Syllabus may be changed as per University rules.

SYLLABUS OF BCS - II

Mathematics : Semester - III

Sr.No.	Paper	Name of Paper	Marks
1	Paper V	Linear Algebra	50
2	Paper VI	Numerical Methods	50

Semester - IV

Sr.No.	Paper	Name of Paper	Marks
1	Paper VII	Computational Geometry	50
2	Paper VIII	Operation Research	50

Practical (Annual)

1	Practical	Mathematics Practical III & IV	100 Marks Annual
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ELECTRONICS : Semester - III

Sr.No.	Paper	Name of Paper	Marks
1	Paper V	Computer Organisation	50
2	Paper VI	Computer Instrumentation - I	50

Semester - IV

Sr.No.	Paper	Name of Paper	Marks
1	Paper VII	Microcontroller	50
2	Paper VIII	Computer Instrumentation - II	50

Practical (Annual)

Practical	Electronics Practical's Sem. III & IV	100 Marks Annual
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COMPUTER SCIENCE : Semester - III

Paper No.	Name of Paper	Marks
V	Object Oriented Programming C++	50
VI	System Analysis and Design	50

Semester - IV

Paper No.	Name of Paper	Marks
VII	Data Structure Through C++	50
VIII	RDBMS with Oracle	50

Practical (Annual)

1	Laboratory Course in Computer Science - Sem. III & IV	100	--	Annual
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ENGLISH : Semester - III

Sr.No.	Paper	Name of Paper	Marks
1	Paper I	English Communcation	50

ENGLISH : Semester - IV

Sr.No.	Paper	Name of Paper	Marks
1	Paper II	English Communcation	50

ENVIRONMENT SCIENCE : Semester - IV

Sr.No.	Paper	Name of Paper	Marks	
1	Paper II	Environment Science	50 (Theory)	50 (Internal)

SYLLABUS FOR BCS - III

THIRD YEAR : Semester - V

No.	Subjects / Papers	Theory	Internal	Total Marks
1.	Operating System	40	10	50
2.	Introduction to VB. Net	40	10	50
3.	Data Communication	40	10	50
4.	Software Engineering	40	10	50
5.	Introduction to Java Programming	40	10	50
6.	Elective I - Theory of Computation	40	10	50
7.	Elective II - E - Commerce	40	10	50

THIRD YEAR : Semester - VI

No.	Subjects / Papers	Theory / Practical	Internal	Total Marks
1.	Introduction to Linux Operating System	40	10	50
2.	Object Oriented Programming with VB. Net	40	10	50
3.	Computer Networks	40	10	50
4.	Unified Modeling Language	40	10	50
5.	Advanced Java Programming	40	10	50
6.	Elective I - Compiler Construction	40	10	50
7.	Elective II - Web Technology	40	10	50



STANDARD OF PASSING

A candidate must obtain minimum 40% of the marks in each University examination paper, Internal evaluation, Lab courses and Major project.

Class will be awarded on the basis of the marks obtained by the candidate in all the six semester examinations. Candidate who has secured 40 percent marks in each head of internal credit and Semester examination shall be declared to have passed in the paper.

CAREERS

Graduates in this course can pursue successful career in M.C.S., M.C.A., M.B.A., Banking, Software consultancy, Software Engineering, Civil Services, Advertising and other competitive examinations, Self employment etc.

BACHELOR OF SCIENCE (COMPUTER) SYLLABUS OF B.Sc. (Comp.) III

THIRD YEAR : Semester - V

No.	Subjects / Papers	Theory	Internal	Total Marks
1.	Computer Networking	40	10	50
2.	Visual Programming Using C#	40	10	50
3.	Linux Operating System	40	10	50
4.	PHP and Mysql	40	10	50
	TOTAL	160	40	200

THIRD YEAR : Semester - VI

No.	Subjects / Papers	Theory	Internal	Total Marks
1.	Network Technology & Windows Server 2008	40	10	50
2.	Java Programming	40	10	50
3.	Advanced Linux Applications	40	10	50
4.	E-Commerce	40	10	50



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B.Sc. (Computer Science)



Yashwantrao Chavan Maharashtra Open University (YCMOU) Study Centre

Maharashtra has a long rich tradition of educational reform. Jotiba Phule, Panjabrao Deshmukh, Dr. Babasaheb Ambedkar, Bahurao Patil, Swami Ramanand Teerth and other great thinkers and reforms have contributed to educational philosophy and movement. It was therefore appropriate that the State realized the need of an open University. The University was established on 1st July 1989 of the Maharashtra State Legislature and justly was named after Yashwantrao Chavan. Maharashtra's great educational thinker, political leader and builder of modern Maharashtra. The Yashwantrao Chavan Maharashtra Open University (YCMOU) has its headquarters at Nashik. The University at present offers so many programs of study to a cumulative strength making it the largest University in Maharashtra. YCMOU study centre at Shivraj College, Gadhinglaj was established in 2005 to cater to the needs of higher education through distance learning for entire Gadhinglaj Taluka and Chandgad Talukas. At present postgraduate programmes are offered at the centre.

The YCMOU study center at Shivraj College also serves as a nodal center for YCMOU programmes.

Karmveer Vitthal Ramaji Shinde Shiksha Sanstha has provided infrastructure for and operates Gadhinglaj Study Centre of the YCMOU Nashik. This is an extremely useful arrangement for working people, housewives and students as well as those who want to improve their educational qualifications but are unable to attend regular classes.

The MBA programme :

The Master of Business Administration (MBA) programme was launched by the University in the academic year 1994-95 in Shivraj College Gadhinglaj. It is intended for service persons who wish to achieve senior management positions.

Aims - The Aims of the MBA programme are

1. To help practicing managers become more effective decision makers in their fields by updating their knowledge and managerial skills.
2. To enable the budding managers to develop their skills of critical analysis, logical thinking and creative imagination.
3. To enable the managers to make independent judgements in the analysis and resolution of complex management problems.

Duration -

1. The minimum duration - 2 years
2. Maximum duration - 5 years
3. Maximum attendance of 50% is compulsory for the counselling sessions.

Medium - The medium of instruction & examination is English only.

Eligibility - Admission to the MBA programme is open to all citizens of India who satisfy the following conditions

1. Bachelor Degree with minimum 45% marks. (The percentage of marks will be relaxed by 50% in the case of reserved category candidates)
2. Qualify the on-line entrance exam conducted by YCMOU.

Entrance Fees - The Entrance Exam Fee Rs. 500/-

Programme Fees - The fee structure of MBA programme is as follows that will be collected annually at the time of student registration

First Year Fee - 15000/-

Second Year Fee - 17500/-

M.B.A.

MASTER OF
BUSINESS ADMINISTRATION



The programme Structure - The programme consists 20 courses and project work spread over 2 semesters in two academic years.

Semester I

- 1) Accounting & finance for managers.
- 2) Business Environment.
- 3) Economic for Manager.
- 4) Management process & organisation behavior.
- 5) Research methodology & communications.

Semester II -

1. Business Ethics & Corporate Governance.
2. Quantitative Techniques in Management.
3. Production and operations Management.
4. Marketing Management.
5. Human Resource Management.

MBA Second Year -

Semester III - Compulsory Courses

1. Strategic Management
2. International Business & International Trade.

Specialisation - To select any one Area of specification (Three Courses)

- A) Finance group
- B) Marketing Group
- C) Human Resource Management Group
- D) Manufacturing Management Group

Semester IV -

- 1) Business Law
- 2) Management Information System
- 3) Project Work.

Specification - To select any one Area of specification (three courses)

- A) Finance Group
- B) Marketing Group
- C) Human Resource Management Group
- D) Manufacturing Management Group



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AWARDS AND RECOGNITIONS

SHIVRAJ



Mamta Swami

Class-BCS
SUO in NCC



Tejaswini Mulik

Class - B.Sc. Computer
COT - RDC-CAT-IV, Pune



Akshay Gaikwad

Class-BCA
3rd Rank - C Programming
KIT College, Kolhapur



Pradip Hodage

Class-BCA
1st Rank - Apti Master
KIT College, Kolhapur



Snehal Patil

Class-BCA
1st Rank - In Essay Competition
Organised by Teacher
Association Kolhapur



Chetana Bhati

Class-BCA 3
2nd Rank -
Web Devlp. & C Prog.



Sharvari Sohani

Class-BCA 3
2nd Rank -
C Prog.



Tejaswini Shinde

Class-BCA
Statistics Subject -100/100

- Our Recruiters -



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Most of our students have been placed in above MNC's through campus interview



AWARDS AND RECOGNITIONS



**Team BBA 1st Rank
Folk Dance**
Zing 2K18 (Mega Inter
Collegiate Event)
CSIBER College, Kolhapur

**Team BBA 1st Rank
Street Play**
Zing 2K18 (Mega Inter
Collegiate Event)
CSIBER College, Kolhapur



**Team BBA 1st, 2nd & 3rd Rank
Add Mad Show**
IMERGE 2K18 Inter
College Competition,
KIT College, Kolhapur



FACULTY & RESOURCE PERSONS

MANAGEMENT FACULTY

Name	Qualification
Shri. R. D. Kamate (H.O.D.B.B.A.)	M.B.A., M.Phil
Shri. K. S. Desai (H.O.D.B.C.A)	M.B.A., M.Phil, NET, GDC & A
Shri. P. S. PATIL	M.B.A.

COMMERCE FACULTY

Mrs. Y. V. Sontakke	M.Com.
Ms. B. B. Watangi	M.Com.

ECONOMICS FACULTY

Shri. A. U. Patel	M.A., M.Phil
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ENGLISH FACULTY

Shri. I. D. Nerlikar	M.A.(Eng.) B.Ed.
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COMPUTER FACULTY

Shri. C. S. Nikam (H.O.D. Comp.)	M.C.M., M.C.A.
Shri. S. P. Kurade	M.Sc. (Computer), M.B.A.
Shri. R. K. Patil	M.Sc. (Computer), M.B.A.
Shri. R. B. Khot	M.Sc. (Computer)
Mrs. U. S. Patil	M.C.A.
Mrs. D. S. Khandekar	M. Sc. (Computer)
Mrs. V. P. Kalasgonda	M.Sc. (Computer)
Shri. B. S. Pathan	M.Sc.(IT), B.Ed.
Shri. I. P. Sutar	M. C. M.
Shri. U. B. Patil	B. E. (Computer)
Shri. Y. B. Patil	M. C. A.
Shri. S. P. Kupekar	M. C. A.
Miss. R. C. Chougule	M.Sc. (Computer)
Shri. S. B. Bhingardive	M.Sc. NET
Shri. U. P. Kanade	M.C.A.
Miss. M. R. Nandavadekar	M.Sc. (Computer)
Miss. P. M. Deshmukh	M.Sc. (Computer)
Miss. P. B. Patekari	M.C.A.
Miss. H. M. Mulla	M.C.A.

MATHEMATICS FACULTY

Mrs. P. S. Wali	M.Sc. (Maths), B.Ed.
Miss. T. S. Patil	M.Sc. (Maths)

ELECTRONICS FACULTY

Shri. N. G. Chavan	M.Sc. (Electronics)
Mrs. S. S. Latvade	M.Sc. (Electronics)

STATISTICS FACULTY

Mrs. M. R. Dandage	M.Sc. (Stat.)
Mrs. Kalekar	M.Sc. (Stat.)

ENV. SCIENCE FACULTY

Mrs. S. S. Desai	M.E.M.
Mrs. S. V. Gadavi	M.Sc. (Env.)

Visiting Faculty

Adv. S. B. Shinde B.A. (Hons.) LL.B. (Spl.)

Non - Teaching Staff

Name	Designation
Shri. L. S. Shinde	Admin. Officer
Shri. P. A. Shende	Head Clerk
Shri. S. A. Shirahatti	Jr. Clerk
Mrs. S. B. Nikam	Jr. Clerk
Smt. G. J. Shinde	Lab. Assistant
Shri. N. T. Patil	Jr. Clerk
Shri. D. B. Desai	Jr. Clerk (P.G.Sec.)
Mrs. P. R. Salawade	Jr. Clerk
Mrs. S. B. Ajari	Jr. Clerk
Shri. C. I. Babar	Jr. Clerk
Shri. V. M. Ghejji	Jr. Clerk
Shri. Y. S. Shende	Jr. Clerk
Miss. M. C. Dabade	Jr. Clerk
Shri. M. D. Patane	Hardware Engg.
Shri. R. N. Kamble	Hardware Engg.
Shri. B. G. Chougule	Lab. Attendent
Shri. I. B. Goves	Lab. Attendent
Shri. A. G. Bhatale	Lab. Attendent
Shri. D. K. Pattade	Lab. Attendent
Shri. G. D. Nidhori	Zerox Operator
Shri. S. T. Hajare	Peon
Shri. M. B. Redekar	Peon
Shri. M. B. Yadav	Peon
Shri. S. S. Gavali	Peon
Shri. D. S. Patil	Peon
Shri. S. J. Sabale	Peon
Shri. S. V. Patil	Peon
Shri. K. K. Sagar	Gardner
Shri. S. S. Chougule	Lab. Attendent
Shri. H. T. Makandar	Peon
Shri. D. G. Kurade	Peon
Shri. G. V. Danekari	Peon
Shri. S. P. Patil	
Smt. R. S. Patil	
Shri. B. S. Dorugade	Watchman
Mrs. S. S. Thabe	Sweeper
Shri. S. D. Kamble	Sweeper

शिवराज

साहित्य, वाणिज्य आणि डी. एच. कदन शिक्षण महाविद्यालय

संभाजीराव माने
कनिष्ठ महाविद्यालय, गवहिल्लज

K.V.R.S.S.S.'s



SHIVRAJ COLLEGE, GADHINGLAJ.



B.B.A.

Bachelor of Business Administration
Eligibility : 12th Pass Arts, Comm, Science, Vocational & Diploma

B.C.A.

Bachelor of Computer Application
Eligibility : 12th Pass Arts, Comm, Science, Vocational & Diploma

B.Sc. Computer Science Entire (B.C.S.)

Bachelor of Computer Science
Eligibility : 12th Science, & Diploma

B.Sc. Computer Science

Bachelor of Computer Science
Eligibility : 12th Science, & Diploma

B.Sc. Microbiology

Bachelor of Science (Microbiology)
Eligibility : 12th Science, & Diploma

पुढील वर्षी तुम्हीही असू शकता..... यामधील एक!

CAMPUS INTERVIEW मधून **INFOSYS, TCS, LIC, CAPAGEMINI** या नामवंत बहुराष्ट्रीय (MNC) कंपनीत निवड झालेले विद्यार्थी

ऋतुजा मोटे (BBA)	नेहा पाटील (BBA)	स्नेहल कोलते (BBA)	अक्षता सोलापूर (BBA)	कौस्तुभ बुरुड (BBA)	ओंकार विंदे (BBA)	आकाश आडसुळे (BBA)	माधुरी बुली (BCS)	केवीन मॅनजीस (B.Sc.Comp)	धनश्री कडगांवकर (B.Sc.Comp)	संग्राम रेगडे (B.Sc.Comp)	मयुरी सुतार (BCS)	स्नेहल मांडेकर (BCS)	उत्कर्ष पोवार (BBA)
सागर गायकवाड (BBA)	नागेश अनगोळकर (BBA)	राणी कांबळे (BBA)	शाहीन मोकाशी (BBA)	तनुजा यागणेकर (BBA)	तेजस्विनी गोविलकर (BBA)	अक्षय डोंगरे (BCS)	पुजा शेलार (BCS)	सपना पाथशवट (BBA)	पुजा कल्याणी (BBA)	प्रमिला जगाताप (BBA)	सौंदर्या पाटील (BCA)	प्रशांत शिंदे (BCA)	अंकुश पाटील (BCA)
रुपाली शिंदे (BBA)	मयुरी हर्सापूर (BBA)	अक्षय कांबळे (BBA)	शितल देवेकर (BCA)	अश्विनी चिंचेवाडी (BCA)	अश्विनी कुंभार (BCA)	सुजाता रेडेकर (BCA)	स्नेहा पाटील (BCA)	सुजित जाधव (BCA)	मिनल राजगोळे (BCA)	स्वाती शेलार (BCA)	सुषमा सूर्यवंशी (BCA)	अक्षय गायकवाड (BCA)	शर्वरी सोनी (BCA)
सुनिल कुंभार (BCA)	विजयालक्ष्मी कडलगे (BCA)	क्विकटोरीया बार्देस्कर (BCA)	ऐश्वर्या सुतार (BCA)	वैशाली हिडदारी (BCA)	मुस्कान मकानदार (BCA)	पुनम कडुकर (BCA)	नजमा अतार (BCA)	अंकिता धेवडे (B.Sc.Comp.Sci.)	मयुरी पोवार (BCS)	अंकिता सुतार (B.Sc.Comp.Sci.)	किरण पाटील (BBA)	लक्ष्मी फुटाणे (BBA)	पूनम गाडेकर (BBA)
वेतना भाटी (BCA)	शुभांगी गोडसे (BCS)	प्रियंका वागळे (B.Sc.Comp.Sci.)	भक्ती जाधव (BCS)	नर्मदा फडतारे (B.Sc.Comp.Sci.)	मयूर गाईगडे (BCS)	अंकिता नवलगुंड (B.Sc.Comp.Sci.)							

ADMISSIONS

OPEN

For Details Contact: WADARGE ROAD, GADHINGLAJ, DIST. KOLHAPUR.

Contact : (02327) 222078, 222307, 225381

• E mail: shivrajcollege64@gmail.com, shivraj_college@yahoo.com • Website: www.shivraj.edu.in

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