



Karmveer Vitthal Ramaji Shinde Shikshan Sanstha's

# SHIVRAJ COLLEGE

Tal. Gadhinglaj, Dist. Kolhapur - 416 502.

Affiliated to Shivaji University, Kolhapur



Adv. Digvijay K. Kurade  
Director, Shivraj Vidya Sankul



Dr. Anilrao V. Kurade  
Secretary, Shivraj Vidya Sankul



Dr. S. M. Kadam  
i/c Principal, Shivraj College



Prof. Kisanrao V. Kurade  
Chairman, Shivraj Vidya Sankul

## CREATING A CAREER OF EXCELLENCE

**B.B.A.** | **B.C.A.** | **B.Sc.**  
(Computer Science  
Entire) / **B.C.S.**

**B.Sc.**  
(Computer Science)



**PROSPECTUS  
2021-22**

Website : [www.shivraj.edu.in](http://www.shivraj.edu.in)

E-mail : [shivrajcollege64@gmail.com](mailto:shivrajcollege64@gmail.com)

# Inspiration.....

SHIVRAJ



## **Karmveer Vitthal Ramaji Shinde**

Birth : 23rd April 1863

Death : 2nd January 1944

# President's Desk

## President's Desk

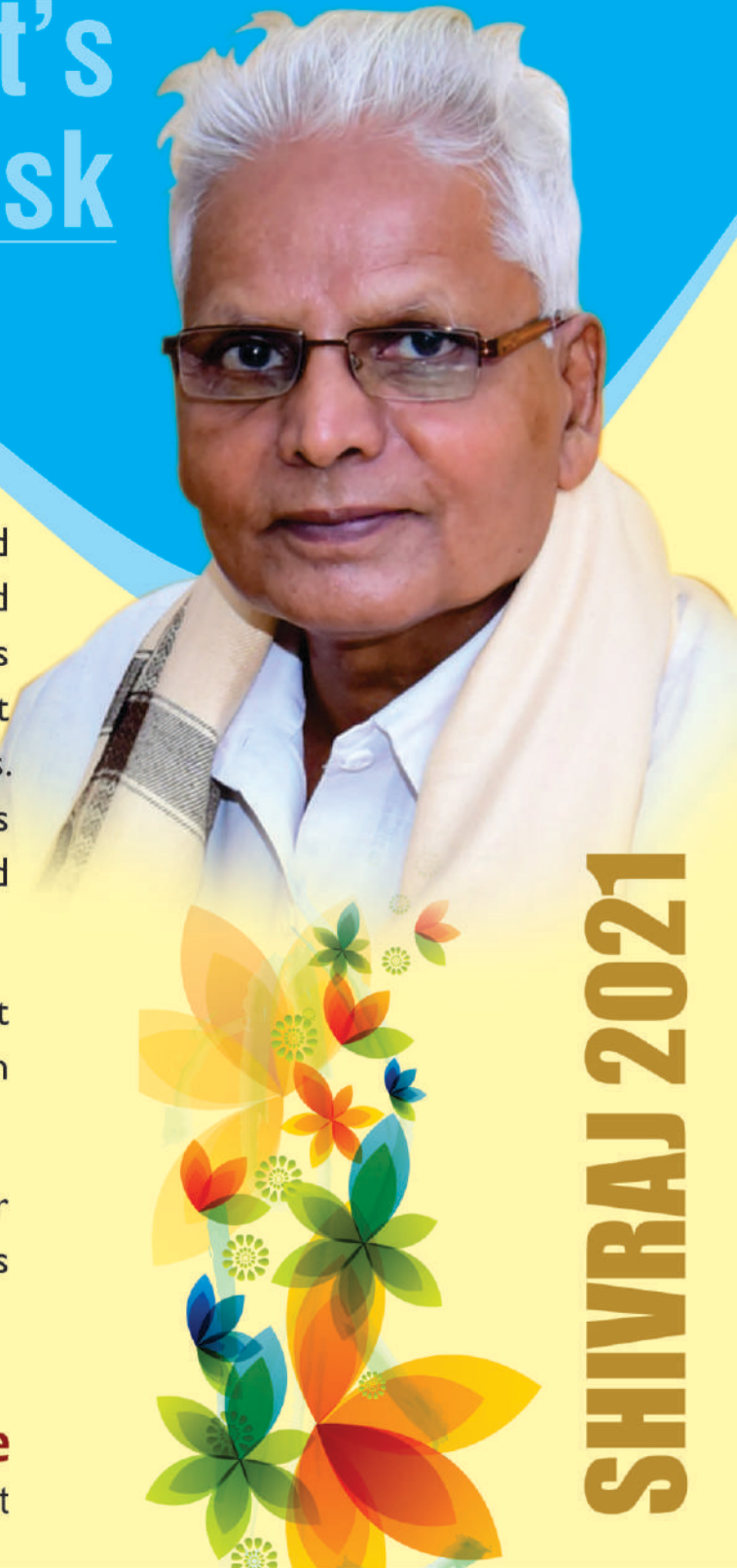
Global business environment is under tremendous pressure and rapid changes are taking place in social, cultural, legal, economic, political and technological areas across the world. There are free movements of resources from one to other country and we are moving towards globalization. In present situation, 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



**SHIVRAJ 2021**

# Hearty Congratulations

## Pride Moment

Dr. Sarvapalli Radhakrishnan  
Akhil Bharatiya Teachers  
Welfare Association, Bengaluru  
& University of Central America  
Honorary  
Doctor of Literature (D.Litt.)



**Shivraj**  
**Dr. Anil V. Kurade**  
C.E.O & Secretary, KVRSSS

SHIVRAJ

# CEO's Desk



## CEO's Desk

Dear Students

We are happy to welcome you to join our institution for computer and management education courses. The recommendation given by the IT and management task force, if implemented will lead India to become a super power.

We at "Shivraj College Gadhinglaj, have decided to have a strict quality check on the trained manpower coming out of our institute. Who in turn will a vital role in making India a super software and management giant.

All the Information required for your enrolment is given in this prospectus, you are advice to preserve this prospectus safely till you complete the course. As it contains information regarding the course, which you have joined.

We are confident at the applicant, who joins, will a position to make a quality career for his/ her, self.

"Happy learning and all the best for your future"

**Dr. Anil V. Kurade**  
C.E.O & Secretary, KVRSSS



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SHIVRAJ

Days at

# Shivraj



# Principal's Desk

## Principal's Desk

It gives me an immense pleasure to invite you to become a part of 'Shivraj'. Since 1964, our college has been playing a pioneering role in imparting quality education at grass-root level and building all-round personality of students. Total strength of the students is more than 5000. Liberalization, Privatization and Globalization (LPG) coupled with Information, Communication and Technology (ICT) have created high demand for skilled manpower. To be successful in the 21st Century students must take advantage of the new era of Information Technology (IT). Along with traditional courses we have started Professional courses like BBA, BCA, BCS, B.Sc. (Computer Science), B.Sc. (Microbiology), B.Sc. (Animation), B.Sc. (Food Science), B.Com. (IT) since the year 2000 and P.G. courses M.A., M.Com. and M.Sc. to prepare our students to meet the challenges of changing environment. Our computer department provides an enriched educational environment with well-equipped computer labs and smart classrooms. It is a matter of pride that our students have been placed in MNCs and at different organizations across the world. For the overall development of students the college gives equal importance to Sports, extra-curricular activities and value-based education.

I invite you to become a part of our leading institution to build a career in IT, Management education and entrepreneurship with the help of our management and staff.

**Prof. Dr. S. M. Kadam**  
I/C Principal



# SHIVRAJ 2021





**SHIVRAJ**

# Days at Shivraj



**SHIVRAJ 2021**

## 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 Vidyapeth, 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**

- a. Impart quality education.
- b. Promote career awareness.
- c. 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**

1. To develop a botanical garden with medicinal plants.
2. To construct auditorium, separate cabins for humanities post graduate section and departmental libraries.
3. To construct boys hostel and Principal quarter.
4. To start new courses in Biotechnology and Information technology.
5. 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 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 newspapers, 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, Core2Duo, 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 26<sup>th</sup> 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.



SHIVRAJ



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 mangagement 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 atomsphere 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 praradigm of cross-functional integration and continuous learning.
- 2) The programme offers subjects like Finance, Marketing, Information Technology, Production & Service Management, Human Resource Management, Entepreneuship 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 vocationall 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 - I

Course code	Sr. No.	Subject Title	Marks		
CC - A1	1	Fundamental Business Management	50	50	100
CC - A2	2	Principal of Marketing	50	50	100
CC - A3	3	Micro Economics	50	50	100
GEC - G1	4	Information Technology in Busi. Mgt.	50	50	100
AECC - C1	5	Business Communication paper I	50	50	100
CCC - 1	6	Democracy, Elections and Good Governance (Non-Credit)			
<b>Total</b>			<b>250</b>	<b>250</b>	<b>500</b>

## Semester - II

Course code	Sr. No.	Subject Title	Marks		
CC - A4	1	Accounting for Managers	50	50	100
CC - A5	2	Human Resource Management	50	50	100
CC - A6	3	Micro Economics	50	50	100
GEC - G2	4	Management Information System	50	50	100
AECC - C2	5	Business Communication paper II	50	50	100
SEC - 1	6	Any one from-Business Communication & Presentation/Event Management/Personality Development/Yoga & physical Management/Resume, Report & proposal Writing			
<b>Total</b>			<b>250</b>	<b>250</b>	<b>500</b>

The syllabus for Compulsory Civic Course (CCC) and Skill Enhancement Course are provided on university website, which are common for all graduate programs.

## SECOND YEAR Semester - III

Course code	Sr. No.	Subject Title	Marks		
CC - B1	1	Fundamental of Entrepreneurship	50	50	100
CC - B2	2	Cost Accountancy	50	50	100
CC - B3	3	Service Marketing	50	50	100
GEC - G3	4	Forms of Business organisation	50	50	100
AECC - C3	5	Statistical Techniques	50	50	100
AECC-EVS	6	Environmental Science			
<b>Total</b>			<b>250</b>	<b>250</b>	<b>500</b>

## Semester - IV

Course code	Sr. No.	Subject Title	Marks		
CC - B4	1	Entrepreneurship & Project Management	50	50	100
CC - B5	2	Management Accounting	50	50	100
CC - B6	3	Rural and Retail Marketing	50	50	100
GEC - G4	4	Research Methodology	50	50	100
AECC - C4	5	Statistics for Decision Making	50	50	100
<b>Total</b>			<b>250</b>	<b>250</b>	<b>500</b>

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## THIRD YEAR Semester - V

Course code	Sr. No.	Subject Title	Marks		
CC-C1	1	Fundamental of Business Law	50	50	100
CC-C2	2	Human skills	50	50	100
CC-C3	3	Management Historians	50	50	100
DSE-A1	4	Digital Marketing	50	50	100
DSE-A2	5	Field visit/Report (mini project)	50	50	100
DSE-B1	4	Financial Management	50	50	100
DSE-B2	5	Field visit/Report (mini project)	50	50	100
DSE-C1	4	Human Resource Planning	50	50	100
DSC-C2	5	Field visit/Report (mini project)	50	50	100
CCC-2		Constitution of India and Local Self Government (non Credit)	50	50	100
<b>Total</b>			<b>500</b>	<b>500</b>	<b>1000</b>

## Semester - VI

Course code	Sr. No.	Subject Title	Marks		
CC-C4	1	Fundamental of Taxation	50	50	100
CC-C5	2	Business Ethics	50	50	100
CC-C6	3	Organizational Behaviour	50	50	100
DSE-A3	4	International Marketing	50	50	100
DSE-A4	5	Project-major	50	50	100
DSE-B3	4	Business finance	50	50	100
DSE-B4	5	project - major	50	50	100
DSE-C3	4	Human Resource Development	50	50	100
DSC-C4	5	Project - major	50	50	100
SEC-II		Any one from-Interview & Personal Presentation Skill/Entrepreneurship Development Skill/Travel & Tourism/E-Banking & Financial Services/RTI & Human Right Education (HRE), IPR & Patents.	50	50	100
<b>Total</b>			<b>500</b>	<b>500</b>	<b>1000</b>

### DETAILS OF MARKS

Each subject / paper during each semester will carry 100 marks, out of this 50 marks will be allotted to university theory paper & 50 marks to be given by each subject teacher through internal evaluation

Division of internal marks

- |                          |    |
|--------------------------|----|
| 1. Attendance            | 10 |
| 2. Internal written exam | 30 |
| 3. Oral/ Seminar / G.D.  | 10 |
| <b>50 marks</b>          |    |

### STANDARD PASSING

- a) The candidate who has secured 40 percent marks in each head of internal & external examination shall be declared to have passed in the paper.
- b) 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 carried over.
- c) 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.





## 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.

- a) Formal lectures by the full-time & part time staff as well as by visiting professors.
- b) Seminar, Group Discussion on selected problems of business and industrial management.
- c) 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.

SHIVRAJ

# B.C.A.

BACHELOR OF  
COMPUTER APPLICATION



**STRUCTURE OF BCA DEGREE**  
**FIRST YEAR : Semester-I**

No.	Subject Title	Internal Evaluation	University Exam.	Marks
CC 101	Fundamentals of Computer	30	70	100
CC 102	Introduction to Programming Using C	30	70	100
AEC 103	Principles of Management	30	70	100
AEC104	Business Communication	30	70	100
AEC 105	Office Automation	30	70	100
CCL 106	Lab Course - I Based on CC 102	-	50	50
CCL 107	Lab course - II Based on AEC 105	-	50	50
CCC 108	Compulsory Civic Course (CCC)	-	-	-

**FIRST YEAR : Semester-II**

No.	Subject Title	Internal Evaluation	University Exam.	Marks
CC 201	DBMS	30	70	100
CC 202	Operating System	30	70	100
CC 203	Object Oriented Programming Using C++	30	70	100
AEC 204	Financial Accounting with Tally	30	70	100
AEC 205	Mathematical Foundations for Computer Applications	30	70	100
CCL 206	Lab Course-III Based on CC201 and AEC 204	-	50	50
CCL 207	Lab Course-IV Based on CC 203	-	50	50

**SECOND YEAR : Semester-III**

No.	Subject Title	Internal Evaluation	University Exam.	Marks
CC 301	Web Technology	30	70	100
CC 302	Network and Internet	30	70	100
CC 303	Data Structure using C	30	70	100
AEC 304	Elements of Statistics	30	70	100
AEC 305	Human Resource Management and Materials Management	30	70	100
CCL 306	Lab Course-V Based on CC301	-	50	50
CCL 307	Lab Course-VI Based on CC 303 & AEC 304	-	50	50
	<b>TOTAL</b>	<b>150</b>	<b>450</b>	<b>600</b>

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## SECOND YEAR : Semester-IV

Subject Title		Internal Evaluation	University Exam.	Marks
CC 401	RDBMS	30	70	100
CC 402	Software Engineering	30	70	100
CC 403	DOT NET Technology	30	70	100
AEC 404	Enterpreneurship Development	30	70	100
CCL 405	PHP	50	-	50
CCL 406	Lab Course-VII Based on CC401	-	50	50
CCL 407	Lab Course VIII Based on CC403	-	50	50
CCL 408	Mini Project	-	50	50
<b>TOTAL</b>		<b>170</b>	<b>430</b>	<b>600</b>

## THIRD YEAR : Semester-V

No.	Subject Title	Internal Evaluation	University Exam.	Marks
501	Management Accounting	20	80	100
502	E-Commerce	20	80	100
503	Computer Network	20	80	100
504	RDBMS with Oracle	20	80	100
505	Visual Programming	20	80	100
506	Lab Course Based on 504 and 505	20	00	50
507	Mini Project	50	00	50
<b>TOTAL</b>		<b>200</b>	<b>400</b>	<b>600</b>

## THIRD YEAR : Semester-VI

No.	Subject Title	Internal Evaluation	University Exam.	Marks
601	Strategic Management	20	80	100
602	Date Mining and Data Warehousing	20	80	100
603	Linux Operating System	20	80	100
604	Java Programming	20	80	100
605	Lab Course Based on Paper No. 603	50	00	50
606	Lab Course Based on Paper No. 604	50	00	50
607	Major Prohect	20	80	100
<b>TOTAL</b>		<b>200</b>	<b>400</b>	<b>600</b>

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SHIVRAJ COLLEGE BCA-III YEAR STUDENT'S  
2018-2019



Today's Beautiful Moments Tomorrows Beautiful Memories



## Details of Marks

### A) Details of Internal Evaluation (BCA III)

Attendance	5 Marks
Assignments, Seminars, Oral Exam	10 Marks
Mid Test	5 Marks
<b>Total</b>	<b>20 Marks</b>

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.



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

## 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
- 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.Sc. (Computer Science - Entire)/ 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. Programme

### Syllabus of B.Sc. (Computer Science - Entire)/ B.C.S. I first Year

#### Mathematics : Semester - I

Code	Paper	Name of Paper	Marks
GEC-105	Paper I	Discrete Mathematics	50
GEC-106	Paper II	Algebra	50

#### Mathematics : Semester - II

Code	Paper	Name of Paper	Marks
GEC-205	Paper III	Graph Theory	50
GEC-206	Paper IV	Calculus	50

#### Practical (Annual)

1	Practical I & II	Mathematics Practical I & II	100
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SHIVRAJ

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



## ELECTRONICS : Semester - I

Code	Paper	Name of Paper	Marks
GEC-103	Paper I	Electronics Devices and Circuits - I	50
GEC-104	Paper II	Digital Electronics - I	50

## Semester - II

Code	Paper	Name of Paper	Marks
GEC-203	Paper III	Electronics Devices and Circuits - II	50
GEC-204	Paper IV	Digital Electronics - II	50

## Practical (Annual)

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

Code	Paper	Name	Marks
GEC-107	Paper - I	Descriptive Statistics - I	50
GEC-108	Paper - II	Probability Theory	50

## Semester - II

Code	Paper	Name of Paper	Marks
GEC-207	Paper III	Descriptive Statistics II	50
GEC-208	Paper IV	Continuous Probability Distributions and Testing of Hypothesis	50

## Practical (Annual)

1	Practical I & II	Statistics Practical	100
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## COMPUTER SCIENCE : Semester - I

Code	Paper	Name	Marks
CC101	Paper - I	Fundamental Computer	50
CC102	Paper - II	Programming in C Part - I	50

### Semester - II

Code	Paper	Name	Marks
Cc201	Paper - III	Linux Operating System	50
CC202	Paper - IV	Programming in C Part - II	50

### Practical (Annual)

1	Lab Course - I	100
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## SYLLABUS OF B.Sc. (Computer Science - Entire)/ B.C.S. II Mathematics : Semester - III Second Year

Code	Paper	Name of Paper	Marks
GEC-305	Paper V	Linear Algebra	50
GEC-306	Paper VI	Numerical Methods	50

### Semester - IV

Code	Paper	Name of Paper	Marks
GEC-405	Paper VII	Computational Geometric	50
GEC-406	Paper VIII	Operation Research	50

### Practical (Annual)

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

Code	Paper	Name of Paper	Marks
GEC-303	Paper V	Computer Organisation	50
GEC-304	Paper VI	Computer Instrumentation	50

### Semester - IV

Code	Paper	Name of Paper	Marks
GEC-403	Paper VII	Microcontroller	50
GEC-404	Paper VIII	Communication Techniques	50

### Practical (Annual)

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

Code	Paper	Name	Marks
DSC-301	Paper - V	RDMS	50
DSC-302	Paper - VI	OOPS Using C++	50

### Semester - IV

Code	Paper	Name of Paper	Marks
DSC-401	Paper - VI	Data Structure Through C++	50
DSC-402	Paper - VIII	Cyber Security Essentials	50

### Practical (Annual)

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

Code	Paper	Name of Paper	Marks
SEC-I	Paper I	Skill Enhanced Course I - Python Programming	50

### AECC - Semester- III

Code	Paper	Name of Paper	Marks
AECC-C	Paper I	Environmental Studies (Theory Paper)	50



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## SEC-I : Semester- IV

Code	Paper	Name of Paper	Marks
SEC-2	Paper I	Skill Enhanced Course II - Web Technology	50

## AECC - Semester- IV

Code	Paper	Name of Paper	Marks
AECC-D	-	Environmental Studies (Project)	50

Note: Syllabus may be changed as per University rules.

### SYLLABUS FOR B.Sc. (Computer Science - Entire)/ B.C.S. - III

#### THIRD YEAR : Semester - V

Code	Paper	Name of Paper	University	Internal	Total
DSE-501	Paper-IX	Core Java	40	10	50
DSE-502	Paper-X	C# Programming	40	10	50
DSE-503	Paper-XI	Software Engineering	40	10	50

#### ELECTIVE COURSE I : DSE 504 OR 505

Code	Paper	Name of Paper	University	Internal	Total
DSE-504	Paper-XII	Machine Learning I	40	10	50
DSE-505	Paper-XIII	Data Communications	40	10	50
AECC-E	English Paper-III	English for Communications III	40	10	50

#### THIRD YEAR : Semester - VI

Code	Paper	Name of Paper	University	Internal	Total
DSE-601	Paper-XIV	Advance Java	40	10	50
DSE-602	Paper-XV	ASP.net	40	10	50
DSE-603	Paper-XVI	Software Project Management	40	10	50

#### ELECTIVE COURSE I : DSE 604 OR 605

Code	Paper	Name of Paper	University	Internal	Total
DSE-604	Paper-XVII	Machine Learning II	40	10	50
DSE-605	Paper-XVIII	Computer Network	40	10	50
AECC-E	English Paper-III	English for Communications IV	40	10	50

#### PRACTICAL EXAMINATION - ANNUAL

Code	Paper	Total
LAB-9	Base on DSE 501,601	100
LAB-10	Base on DSE 502,602	100
LAB-11	Base on SEC III & IV	100
PW	Project Work	100

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## 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

### THIRD YEAR : Semester - V

Code	Subjects / Papers	Theory	Internal	Total Marks
DSE-21E	Core Java	40	10	50
DSE-22E	C# Programming	40	10	50
DSE-23E	Linux Part -I	40	10	50
DSE-24E	Python Part - I	40	10	50
	<b>TOTAL</b>	<b>160</b>	<b>40</b>	<b>200</b>

### THIRD YEAR : Semester - VI

Code	Subjects / Papers	Theory	Internal	Total Marks
DSE-21F	Advance Java	40	10	50
DSE-22F	ASP .NET	40	10	50
DSE-23F	Linux Part - II	40	10	50
DSE-24F	Python Part - II	40	10	50

### PRACTICAL (ANNUAL)

Paper	Subjects / Papers	Theory	Internal	Total Marks
Paper IV	Computer Science Practical Paper Based on DSE-21E, 22E, 21F and 22 F	50	-	50
Paper V	Computer Science Practical Paper Based on DSE-24E, 23E and 24 F	50	-	50
Paper VI	Software Project	100	-	100



# B.Sc. (Computer Science)



# SHIVRAJ 2021

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. Maharashtrians great educational thinker, political leader and builder of modern Maharashtra. The Yashwantrao Chavan Maharashtra Open University (YCMOU) has its head quarters at Nashik. The University at present offers so many programs of study to a cumulative strengths making it the Largest University in Maharashtra. YCMOU study centre at Shivraj College, Gadhinglaj was established in 2005 to cater the needs of highest education through distance learning for entire Gadhinglaj Ajara and Chandgad Talukas. At present postgraduate programme is offered at the centre.

The YCMOU study center at Shivraj College also leave a nodle center for YCMOU programmes.

Karmveer Vitthal Ramaji Shinde Shishkan Sanstha's has provided infrastructure for and operates Gadhinglaj Study Centre of the YCMOU Nashik. This is extremely useful arrangement for working people, housewives and students as well as 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 in 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 condition

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 of 20 courses and project work spread over 2 semesters in two academic years.

### Semester I

- 1) Accounting & finance for managers.
- 2) Business Environment.
- 3) Economics for Manager.
- 4) Management process & organisational behaviour.
- 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



# Placement Through Campus Interview



**Avadhut Kumbhar**  
(B.C.A.)  
TCS, Infosys



**Adil Naikwade**  
(B.C.A.)  
TCS, Infosys, Wipro



## - Our Recruiters -








**SHIVAJI UNIVERSITY, KOLHAPUR**

Sr. No. 002864



**CERTIFICATE**

This is to certify that University approval is given to *Shivraj College of Arts, Commerce and D. S. Kadam Science College, Gadhinglaj, Dist. Kolhapur* to conduct the following courses for the academic year 2021-22.

**Faculty of Humanities, Commerce & Management and Science & Technology**

<b>B.A. I Grant-in-aid Division-2 Permanent Affiliation</b>	<ul style="list-style-type: none"> <li>शिविअ/१०२५/विस्तार/०२/१५/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/का-२६/१५/८३९, दिनांक ०२/१२/२०१९.</li> <li>इंग्रजी, मराठी, विज्ञानिक फक्त</li> <li>मराठी, हिंदी, इंग्रजी, अर्थशास्त्र, समाजशास्त्र, राज्यशास्त्र, मानवशास्त्र, एकात्मिक - इकोनॉमिक्स, युवशास्त्र.</li> </ul>
<b>B.A. I Non Grant Division-1</b>	<ul style="list-style-type: none"> <li>शासन आदेश क्र. एनजीसी-२०१७/(१०२/१५)/मिनि-३, दिनांक ०५/०८/२०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>इंग्रजी, मराठी, विज्ञानिक फक्त</li> <li>मराठी, हिंदी, इंग्रजी, अर्थशास्त्र, समाजशास्त्र, राज्यशास्त्र, मानवशास्त्र, इतिहास.</li> </ul>
<b>B.A. I Non Grant Subject</b>	<ul style="list-style-type: none"> <li>शासन आदेश क्र. एनजीसी-२०१७/(१०२/१५)/मिनि-३ दि. ०५/०८/२०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>एन.सी.सी. इलेक्टिव्ह</li> </ul>
<b>B.A. I Grant-in-aid Division-2 Permanent Affiliation</b>	<ul style="list-style-type: none"> <li>एनजीसी २०१७/(१०२/१५)/मिनि-३ दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/का-२६/१५/८३९, दिनांक ०५/१२/१९९९.</li> <li>इंग्रजी, पब्लिशिंग/प्रकाशन आर्थीकस - शिवि/दिनांक, सहाकार, महाराष्ट्रातील सामाजिक वृत्तव्येचा इतिहास.</li> <li>मराठी, हिंदी, इंग्रजी, अर्थशास्त्र, समाजशास्त्र, राज्यशास्त्र, मानवशास्त्र.</li> </ul>
<b>B.A. III Grant-in-aid Division-2 Permanent Affiliation</b>	<ul style="list-style-type: none"> <li>शिविअ/१०२५/विस्तार/०२/१५/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/का-२६/१५/८३९, दिनांक ०२/१२/२०१९.</li> <li>इंग्रजी.</li> <li>विशेषकरिता मराठी, हिंदी, इंग्रजी, अर्थशास्त्र, समाजशास्त्र, राज्यशास्त्र.</li> </ul>

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<b>M.A. Part I</b>	<b>Granted Division-1 Intake-50 (each subject)</b>	<ul style="list-style-type: none"> <li>शिविअ/१०२५/विस्तार/०२/१५/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>मराठी.</li> </ul>
<b>M.A. Part II</b>	<b>Non Granted Division-1 Intake-50 (each subject)</b>	<ul style="list-style-type: none"> <li>शिविअ/१०२५/विस्तार/०२/१५/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>मराठी.</li> </ul>
<b>M.A. Part I &amp; II</b>	<b>Non Granted Division-1 Intake-50 (each subject)</b>	<ul style="list-style-type: none"> <li>शासन आदेश क्र. एनजीसी-२०१७/(१०२/१५)/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>इंग्रजी</li> </ul>
<b>M.A. Part I &amp; II</b>	<b>Non Granted Division-1 Intake-50</b>	<ul style="list-style-type: none"> <li>एनजीसी/२०१७/(१०२/१५)/मिनि-३, दिनांक ०५/०८/२०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>अर्थशास्त्र.</li> </ul>
<b>M.A. Part I &amp; II</b>	<b>Non Granted Division-1 Intake-50 (each subject)</b>	<ul style="list-style-type: none"> <li>एनजीसी २०१७/(१०२/१५)/मिनि-३ दि. ०५ जुलै, २०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>समाजशास्त्र.</li> </ul>
<b>B.Com. I</b>	<b>Granted-in-aid Division-1 Permanent Affiliation</b>	<ul style="list-style-type: none"> <li>शिविअ/१०२५/विस्तार/०२/१५/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/का-२६/१५/८३९ दि. ०५/१२/१९९९.</li> <li>इंग्रजी.</li> <li>Marathi, Principles of Business Management, Financial Accounting, Insurance, Business Economics, Business Management.</li> </ul>
<b>B.Com. I</b>	<b>Non Grant Division-2</b>	<ul style="list-style-type: none"> <li>एनजीसी २०१७/(१०२/१५)/मिनि-३ दि. ०५ जुलै, २०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>इंग्रजी.</li> <li>Marathi, Principles of Business Management, Financial Accounting, Insurance, Business Economics, Business Management.</li> </ul>
<b>B.Com. I</b>	<b>Non Grant Division No.-3</b>	<ul style="list-style-type: none"> <li>शासन आदेश क्र. एनजीसी-२०१७/(१०२/१५)/मिनि-३ दि. ०५/०८/२०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>English</li> <li>Marathi, Marketing, Insurance, Business Economics, Principles of Business Management, Financial Accounting.</li> </ul>

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<b>B.Com. II</b>	<b>Grant-in-aid Division-1 Permanent Affiliation</b>	<ul style="list-style-type: none"> <li>शिविअ/१०२५/विस्तार/०२/१५/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/का-२६/१५/८३९ दि. ०५/१२/१९९९.</li> <li>इंग्रजी, उच्चपठ्याची, विदेशी परीक्षा तयारी, इकोनॉमिक्स फाउन्डेशन, पब्लिशिंग/प्रकाशन.</li> </ul>
<b>B.Com. II</b>	<b>Non Grant-in-aid Division-2 &amp; 3</b>	<ul style="list-style-type: none"> <li>शासन आदेश क्र. एनजीसी-२०१७/(१०२/१५)/मिनि-३ दि. ०५/०८/२०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>English, Business Statistics, Corporate Accounting, Fundamental of Entrepreneurship, Business Economics, Money &amp; Financial System, Environment Studies.</li> </ul>
<b>B.Com. III</b>	<b>Grant-in-aid Division-1 Permanent Affiliation</b>	<ul style="list-style-type: none"> <li>शिविअ/१०२५/विस्तार/०२/१५/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/का-२६/१५/८३९ दि. ०५/१२/१९९९.</li> <li>Co-operative Development, Modern Management Practices, Industrial Management, Economics.</li> <li>Advanced Accounting &amp; Auditing, Rural Economics &amp; Co-operation, Industrial Management.</li> </ul>
<b>B.Com. III</b>	<b>Non Grant-in-aid Division-2</b>	<ul style="list-style-type: none"> <li>शासन आदेश क्र. एनजीसी-२०१७/(१०२/१५)/मिनि-३ दि. ०५/०८/२०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>Business Environment, Business Regulatory Framework, Modern Management Practices, Co-operative Development, Accountancy Paper-I &amp; II, Industrial Management Paper-I &amp; II, Rural Economics &amp; Co-operation Paper-I &amp; II.</li> </ul>
<b>M.Com. Part I &amp; II</b>	<b>Non Granted Division-1 Intake-50</b>	<ul style="list-style-type: none"> <li>एनजीसी/२०१७/(१०२/१५)/मिनि-३, दिनांक ०५/०८/२०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>Advanced Accountancy.</li> </ul>
<b>M.Com. Part I &amp; II</b>	<b>Non Granted Division-1 Intake - 50-100</b>	<ul style="list-style-type: none"> <li>एनजीसी/२०१७/(१०२/१५)/मिनि-३, दिनांक ०५/०८/२०१७.</li> <li>संलग्नापटी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.</li> <li>Advanced Accountancy.</li> </ul>
<b>B.Sc. I</b>	<b>Grant-in-aid Division-1 Permanent Affiliation</b>	<ul style="list-style-type: none"> <li>शिविअ/१०२५/विस्तार/०२/१५/मिनि-३, दिनांक ०५/०८/१९९९.</li> <li>संलग्नापटी-२/का-२६/१५/८३९ दि. ०५/१२/१९९९.</li> <li>इंग्रजी.</li> <li>रसायनशास्त्र, पदार्थविज्ञान, उच्चपठ्याची, प्रायोगिक, रसायनशास्त्र, गणित, संगणकशास्त्र, सामाजिकशास्त्र.</li> </ul>


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**B.Sc. I Non Grant Division No. 2**

Govt. Approval - एनजीसी २०१४/(१०३/१५)/मशि-४ दि. १४ जून, २०१४  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Compulsory - इंग्रजी.  
 Optional - रसायनशास्त्र, पदार्थविज्ञान, वनस्पतीशास्त्र, प्राणीशास्त्र, संख्याशास्त्र, गणित, संगणकशास्त्र, मायक्रोबायोलॉजी.

**B.Sc. I Non Grant Division No. 3**

Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. ४ जुलै, २०१६  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Compulsory - इंग्रजी.  
 Optional - रसायनशास्त्र, पदार्थविज्ञान, वनस्पतीशास्त्र, प्राणीशास्त्र, संख्याशास्त्र, गणित, संगणकशास्त्र, मायक्रोबायोलॉजी.

**B.Sc. I Non grant Subject**

Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. ०४ जुलै, २०१६  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Subject - सुसजीवशास्त्र.

**B.Sc. II Grant-in-aid Division-1 Permanent Affiliation**

Govt. Approval - शिबिस/१०९९/विस्तार/(०४/१९३)/मशि-३, दिनांक. ०५/०८/१९९९.  
 University Recent Approval - संलग्नता/टी-२/का-३६/१४८३९ दि. ०५/१२/१९९९  
 Compulsory - पर्यावरणअभ्यास  
 Optional - रसायनशास्त्र, पदार्थविज्ञान, वनस्पतीशास्त्र, प्राणीशास्त्र, संख्याशास्त्र, गणित, संगणकशास्त्र, मायक्रोबायोलॉजी.

**B.Sc. II Non Grant Division No. 2 & 3**


Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. ४ जुलै, २०१६  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Compulsory - पर्यावरणअभ्यास.  
 Optional - रसायनशास्त्र, पदार्थविज्ञान, वनस्पतीशास्त्र, प्राणीशास्त्र, संख्याशास्त्र, गणित, संगणकशास्त्र, मायक्रोबायोलॉजी.

**B.Sc. III Grant-in-aid Division-1 Permanent Affiliation**

Govt. Approval - शिबिस/१०९९/विस्तार/(०४/१९३)/मशि-३, दिनांक. ०५/०८/१९९९.  
 University Recent Approval - संलग्नता/टी-२/का-३६/१४८३९ दि. ०५/१२/१९९९  
 Compulsory - इंग्रजी.  
 Optional - रसायनशास्त्र, पदार्थविज्ञान, संगणकशास्त्र, वनस्पतीशास्त्र.

**B.Sc. III Non Grant Division No. 2 & 3**

Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. ४ जुलै, २०१६  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Compulsory - इंग्रजी.  
 Optional - रसायनशास्त्र, पदार्थविज्ञान, संगणकशास्त्र, वनस्पतीशास्त्र.

  
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Kolhapur.

**SHIVAJI UNIVERSITY, KOLHAPUR**

Sr. No 102868

  
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**B.Sc. III Non Grant Subject**

Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. ०४ जुलै, २०१६.  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Subject - सुसजीवशास्त्र.

**B.Sc. III Non Grant Subject**

Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. २३/०६/२०१६  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Subject - गणित.

**B.Sc. III Non Grant Subject**

Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. ०४ जुलै, २०१६.  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Subject - वनस्पतीशास्त्र.

**M.Sc. Part I & II Non Grant Division Intake-25**

Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. ०४ जुलै, २०१६  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Subject - संगणकशास्त्र.

**M.Sc. Part I & II Non Grant Division Intake-20**

Govt. Approval - एनजीसी २०१६/(१०३/१६)/मशि-४ दि. २३/०६/२०१६  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Subject - औरगैतिक केमिस्ट्री

**B.C.S. (B.Sc. Computer Science - Entire) Part I, II & III Intake-80**

Govt. Approval - शिबिस/१०००/विस्तार/४/२०००/मशि-३, दिनांक. २१/०६/२०००  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Course - संपूर्ण अभ्यासक्रम

**B.C.A. Part I, II & III Intake-80**

Govt. Approval - शिबिस/२००३/४/०३/मशि-३, दिनांक ३०/०५/२००३.  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Course - संपूर्ण अभ्यासक्रम

**B.B.A. Part I, II & III Intake-80**

Govt. Approval - एनजीसी/००१/विद्यारण्य/११/०१/मशि-३, दिनांक २३/०६/२००१.  
 University Recent Approval - संलग्नता/टी-२/KOP 81/००५२२ दि. ३० जुलै, २०२१.  
 Course - संपूर्ण अभ्यासक्रम.

**B.A. Part II, B.Com Part II, B.Sc. Part II, B.B.A. Part II, B.C.A Part II & B.Sc. Part II (B.Sc. Computer Science Entire)**

University Circular - SU/BOS/Env.-Syl/Dhawan/11594/11125 Dt.16 March, 2005  
 Course - पर्यावरणअभ्यास.

Courses running under Distance Education Center, Shivaji University, Kolhapur  
 B.A., B.Com., M.A., M.Com.

\* \* \*

Place: KOLHAPUR  
 Date: 07 AUG 2021

  
Registrar,  
Shivaji University,  
Kolhapur.

No 0 1 8 4

SHIVRAJ 2021

शिवराज

राष्ट्रीय, वाणिज्य आणि डी.एस.एन. कदम विद्यालय महाविद्यालय

संभाजीराव माने  
कनिष्ठ महाविद्यालय, गडहिंग्लज

### 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.
Shri V. I. Shinde	M.B.A

### COMMERCE FACULTY

Name	Qualification
Mrs. Y. V. Sontakke	M.Com

### ECONOMICS FACULTY

Name	Qualification
Shri. A. U. Patel (Co-Ordinator)	M.A., M.Phil

### ENGLISH FACULTY

Name	Qualification
Shri. P. S. Hongekar	M.A.B.Ed., M.Ed., PGCTE

### STATS & MATHS FACULTY

Name	Qualification
Mrs. M.R. Dandage	MSc. (Stat)
Miss P. N. Kurade	MSc. (Stat)
Miss S.S. Gawade	MSc. (Stat)
Shri S. S. Kambale	M.Sc. (Maths), SET

### COMPUTER FACULTY

Name	Qualification
Shri. P. T. Goyal HOD	MCA, NET
Shri. R. K. Patil	M.Sc. Computer Science
Shri. R. B. Khot	M.Sc. Computer Science
Mrs. U. S. Patil	MCA
Miss D. S. Khandekar	M.Sc. Com. Sci., SET
Shri B. S. Pathan	M.Sc./Computer, B.Ed, DCP
Mrs. V. P. Kalasgonda	M.Sc. B.Ed
Shri. U. B. Patil	M. E. Computer
Shri. Y. B. Patil	MCA
Shri. S. P. Kupekar	MCA
Shri. U. P. Kanade	MCA, B.Ed.
Miss. P. B. Patekari	MCA
Miss. J. R. Togalekar	BE (CSE)
Shri. S.S. Swami	MCA, NET

Miss S. K. Patil B.E. Computer

### VISITING FACULTY

Adv. S. B. Shinde B.A. (Hons) L.L.B. (Spi.)

### ELECTRONICS FACULTY

Name	Qualification
Shri N. G. Chavan	MSc. (Electronics)
Miss. D. P. Yamagekar	M. Tech. (Electronics)

### ENVIRONMENT Sci. FACULTY

Name	Qualification
Mrs. S. P. Gadawi	MSc. (Env.)
Mrs. S. M. Desai	MSc. (Env.)

### Non - Teaching Staff

Name	Designation
Shri S. A. Shirahatti	Senior Clerk
Mrs. S. B. Nikam	Senior Clerk
Shri N. T. Patil	Senior Clerk
Shri. D. B. Desai	Jr. Clerk PG Sec.
Mrs. S. B. Ajari	Jr. Clerk
Shri C. I. Babar	Jr. Clerk
Shri V. M. Ghejji	Jr. Clerk
Shri Y. S. Shende	Jr. Clerk
Shri. D. S. Patil	Jr. Clerk
Shri S. S. Chougule	Lab. Attendant
Smt. R. N. Patil	Jr. Clerk
Shri. J. J. Patil	Jr. Clerk
Shri. R. N. Kambale	Lab. Ass. (H/W Tech.)
Shri. M. D. Patane	Lab. Ass. (H/W Tech.)
Shri. B. G. Chougule	Lab. Attendant
Shri. B. G. Bhatale	Lab. Attendant
Mrs. P.P. Kambale	Lab. Attendant
Shri. G. D. Nidhori	Zerex Operator
Shri. I. B. Bardeskar	Electrician
Shri. S. T. Hajare	Peon
Shri. M. B. Redekar	Peon
Shri. M. B. Yadav	Peon
Shri S. S. Gavali	Peon
Shri. S. J. Sabale	Peon
Shri. S. V. Patil	Peon
Shri. D. K. Pattade	Peon
Shri. H. T. Makandar	Peon
Shri. D. G. Kurade	Peon
Shri. A. C. Desai	Peon
Shri. B. S. Dorugade	Watchman
Mrs. S. S. Thabe	Sweeper
Shri. S. D. Kamble	Sweeper
Shri. A. R. Patil	Lab. Ass. (H/W Tech.)
Shri. P. K. Patil	Lab. Ass. (H/W Tech.)

# CAMPUS INTERVIEW SELECTED STUDENTS

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 सोलापुरे  
(BBA)



कौस्तुभ वुरुड  
(BBA)



ओंकार विंद्रे  
(BBA)



आकाश आडसुळे  
(BBA)



माधुरी बुर्ली  
(BCS)



केवीन मॅनजीस  
(B.Sc Comp)



यशशी कडगांवकर  
(B.Sc Comp)



संग्राम रेगडे  
(B.Sc Comp)



मयुरी सुतार  
(BCS)



स्नेहल मांडेकर  
(BCS)



उत्कर्ष पोवार  
(BBA)



सागर गायकवाड  
(BBA)



नागेश अनागळकर  
(BBA)



राणी कांबळे  
(BBA)



शाहीन मोकाशी  
(BBA)



तनुजा वागणेकर  
(BBA)



तेजस्विनी गोविलकर  
(BBA)



अक्षय डोंगरे  
(BCS)



पुजा शेलार  
(BCS)



सपना पाथरवट  
(BBA)



पुजा कल्याणी  
(BBA)



प्रमिला जगताप  
(BBA)



सौंदर्या पाटील  
(BCA)



प्रशांत शिंदे  
(BCA)



अंकुश पाटील  
(BCA)



रुपाली शिंदे  
(BBA)



मयुरी हरगापुरे  
(BBA)



अक्षय कांबळे  
(BBA)



शितल देवकर  
(BCA)



अश्विनी चिंचेवाडी  
(BCA)



अश्विनी कुंभार  
(BCA)



सुजाता रेडेकर  
(BCA)



स्नेहा पाटील  
(BCA)



सुजित जाधव  
(BCA)



मिनल राजगोळे  
(BCA)



स्वाती शेलार  
(BCA)



सुषमा सुर्यवंशी  
(BCA)



अक्षय गायकवाड  
(BCA)



शर्वरी सोनी  
(BCA)



सुनिल कुंभार  
(BCA)



विजयालक्ष्मी कडलगे  
(BCA)



क्विकटोरीया बार्देरकर  
(BCA)



ऐश्वर्या सुतार  
(BCA)



वंशाली हिडदूरी  
(BCA)



मुस्कान मकानदार  
(BCA)



पुनम कडुकर  
(BCA)



नजमा अत्तार  
(BCA)



अंकिता येवडे  
(B.Sc. Comp.Sci.)



मयुरी पोवार  
(BCS)



अंकिता सुतार  
(B.Sc. Comp. Sci.)



किरण पाटील  
(BBA)



लक्ष्मी फुटाने  
(BBA)



पूनम गाडेकर  
(BBA)



बेतना भाटी  
(BCA)



शुभांगी गोडसे  
(BCS)



प्रियंका वागळे  
(B.Sc. Comp. Sci.)



भक्ती जाधव  
(BCS)



नम्रता फडतारे  
(B.Sc. Comp.Sci.)



मयूर गाईगडे  
(BCS)



अंकिता नवलगुंद  
(B.Sc. Comp.Sci.)



गणेश चव्हाण  
(B.Sc. Computer)



ज्यानेश वरकूटे  
(B.Sc. Computer)



Sourabh Kesarkar  
Class-BCS



Manish Shinde  
Class-BCS



Saurabh Morbale  
Class - BCS



Prajakta Toukari  
Class-B.Sc. Computer



Prachi Bandi  
Class-B.Sc. Computer



Giridhar Ghatge  
Class-B.Sc. Computer



Poonam Patil  
Class-BCS



Poonam Kurade  
Class-BCS



Prachi Chavan  
Class-BCS



Prathmesh Sawant  
Class-BCS



Sakshi Patil  
Class-BCS



Rutuja Powar  
Class-BCS



Pallavi Patil  
BCA



Swati Patil  
BCA



Reshma Yedurkar  
BCA



Priya Jadhav  
BCA



Reenaj Mallapure  
BCA



Snehal Kurale  
BCA



Anuja Deshmukh  
BCA

SHIVRAJ 2021



कर्मवीर विठ्ठल रामजी शिंदे शिक्षण संस्था, गडहिंग्लज संचालित,

# शिवराज महाविद्यालय, गडहिंग्लज



Adv. Digvijay K. Kurade  
Director, Shivraj Vidya Sanstha



Dr. Anilrao V. Kurade  
Secretary, Shivraj Vidya Sanstha



Dr. S. M. Kadam  
Uc Prinspal, Shivraj College



Prof. Kisanrao V. Kurade  
Chairman, Shivraj Vidya Sanstha

**B.Sc.**  
Comp. Science Entire  
(B.C.S.)

**M.Sc.**  
Computer Science  
Organic Chemistry

**B.Sc.**  
(Computer, Chemistry,  
Physics, Maths,  
Botany, Micro-Biology,  
Statistics)

**M.A.**

**M.Com.**

**M.B.A.**  
(YCMOU, Nashik)

**B.B.A.**

**M.Phil.,  
Ph.D.**  
Chemistry

एकाच घनाश्रयांनी  
११वी व १२वी सायन्स  
**NEET, IIT-JEE**  
प्रवेशा परीक्षांच्या तयारीसाठी

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**CAREER**

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