Department of B.C.A.

PART I : DEPARTMENTAL DETAILS

1. Introduction :

Today's world is the world of Computer & Information Technology. To survive in today's competitive environment, computer knowledge is essential. Therefore, K.E. Society was started B.C.A. department in 2008 for better future of students belonging to the rural area.
Since 2008,the department is on the path of progress. It has organized various co-curricular and extra - curricular activities for improving knowledge and skills of the students. It has contributed a lot in several activities and created its own place in the development of college.

2. Objectives:

The main objective of the course is to develop different software development skills amongstthe students with current trends in IT industry as well as Business Management andtotake up students at the various positions such as System Analyst, System Manager, Software Engineers, Web Design Programmers, EDP Managers, Database Administrators,Academician in different areas of computer application, Management and InformationTechnology Industry.
Keeping above mottos, curriculum includes extensive study of problem solving andSystem development, project design, and development areas. The extensive practical areas ofdifferent programming environment are covered in various operating environments. Italso includes versatile subjects on Entrepreneurship and Business Management.

3. Course Outcomes :

1. Students should be able to demonstrate an integrated understanding of key concepts, techniques and trends in the business fields and they should also be able to apply their knowledge after completing this course in diverse contexts of IT Applications in business.
2. Students will able to recognize & appreciate the role of computing in a wide variety of activities.
3. Demonstrate the basic techniques of creating word document, creating power point Presentation, design spreadsheet for office use.
4. Skilled in the use of computer systems and software used in commerce and business through practical assignments, exercises and demonstrations.
5. Define fundamental account concept, conventions & terminologies.
6. Able to master the basic concept and understand the database management system.
7. Analyze a given problem and develop an algorithm to solve the problem.
8. Problem is also solving through the application of appropriate theories, principles and data.
9. Evaluate and analyze the SDLC, understand software design, coding techniques and software testing principle

10. Implement the various programming languages like C, C++, Dot Net, Java etc.
11. Develop the software projects by understanding the client requirement.
12. Implement applications that provide computing solutions to address the needs of the industry.

4. Program Outcomes:

1. Understand the concepts of key areas in computer applications.
2. Analyze and apply latest technologies to solve problems in the areas of computer applications.
3. Identify, formulate, review and analyze complex problems using various techniques.
4. Design solutions for complex problem and design the system components or processes that meet the specific needs.
5. Create, select and apply appropriate techniques, resources and modern IT tools.
6. Apply technical and professional skills to excel in business.
7. Develop practical skills to provide solutions to industry, society and business
8. To Act as a bridge between academic and industry by involving the industry needs in every aspects of learning and training.
9. Recognize the needs for, and have the preparation and ability to engage in independent and lifelong learning.
10. Function effectively as an individual, and as a member or leader or project manager in project team.
11. Effectively manage project work according to time scheduling, cost scheduling and also satisfy customer needs.
12. The Computer Applications curriculum is dedicated to preparing students for productive careers in the competitive world.

5. Program Specific Outcomes:

1. Students will able to understand, analyze and develop computer programs in the areas related to algorithm, system software, web design and networking for efficient design of computer based system.
2. Apply standard software engineering practices and strategies in software project to deliver a quality of product for business success.
3. Students will able to know various issues, latest trends in technology development and thereby innovate new ideas and solutions to existing problems.
4. To shape the students to meet the requirement of corporate world and Industry standard.
5. To provide the students about computing principles and business Practices in software solutions, outsourcing services, public and private sectors.
6. To engage in professional development and to pursue post graduate education in the fields of Information Technology and Computer Applications.

6) **Departmental information in brief:**

Establishment of the Department   :   2008

Number of Teaching Posts   : 04

Sanctioned and Filled   :   Sanctioned: 04, Filled: 04

Workload of the Department   : 80

7) **Faculty Members:**

Sr. No.	Name	Qualification	Designation
1	Mr. Sathe Dipak Balasaheb	M.C.A., G.D.C. & A.	Asst. Prof.
2	Miss. Mali Priyanka Pandurang	M.Com, G.D.C. & A.	Asst. Prof.
3	Miss. Patil Nayan Ramchandra	M.C.A.	Asst. Prof.
4	Miss. Bhosale Priyanka Bajirao	M.C.A.	Asst. Prof.
5	Mr. Santosh Bhaskar Patil	B.A., Dip. in Hardware & Networking	Lab. Technician

8) **Workload Distribution:**

Sr. No.	Name of Faculty	Mandatory Workload	Extra Workload	Total Workload Taken
1.	Mr. Sathe Dipak Balasaheb	20	-	20
2.	Miss. Mali Priyanka Pandurang	20	-	20
3.	Miss. Patil Nayan Ramchandra	20	-	20
4.	Miss. Bhosale Priyanka Bajirao	20	04	24
	Total	80	04	84

Total workload: 84

Workload taken by Faculty: 80

Remaining Workload: 04

Remaining extra workload is taken by respective faculty itself.

9) Total Number of Students:

Class	2012-13	2013-14	2014-15	2015-16	2016-17
B.C.A. I	10	19	17	25	18
B.C.A. II	01	05	13	15	18
B.C.A. III	04	09	03	08	16
TOTAL	15	33	33	48	52

10) Result Analysis (For last five Years)

Result Analysis 2012 - 13 to 2016 – 17:

Particulars	2012-13	2013-14	2014-15	2015-16	2016-17
Students Enrolled	04	09	02	08	16
Students Appeared for Exam.	04	09	02	08	16
Absent	-	-	-	-	
Distinction	--	--	--	--	--
First Class	01	02	00	00	02
Second Class	01	04	02	04	03
Pass Class	--	--	--	00	--
Fail	02	03	--	04	11
Total Pass	02	06	02	04	05
% of Passing	50%	66.66%	100%	50.00%	31.25%

College Rankers:

Year	Student Name	Percentage	Rank
2012-13	Gurav Omkar Balaso	61.58%	I
	Jadahv Varsha Manikrao	58.83%	II
2013-14	Patil Priyanka Anandrao	65.66%	I
	Patil Nayan Ramchandra	61.00%	II
	Lahigade Sagar Hanmant	58.41%	III
2014-15	Patil Sadhana Sahashiv	60.41%	I
	Kamble Nilesh Jagnnath	59.33%	II

Year			
2015-16	Patil Shivdatt Mohanrao	59.00%	I
	Bhandare Dipali Prakash	57.25%	II
	Jadhav Kiran Nivas	56.00%	III
2016-17	Monde Shital Vasant	60.66%	I
	Patil Akshay Anil	57.83%	II
	Chougule Pankaj Vilas	56.08%	III

11) Departmental Co-curricular and Extracurricular Activities:

Year	Activities
2012-13	1) Arranged Seminar on: "Enterprise Resource Planning" (Mr. RupeshKshirsagar, Pragmatic Technology, Pune)
	2)Participation of Students in Workshop: Students were participated in workshop on Java and .Net Technology organized by Sinhgad Institute of Busines Management,Kamlapur,Tehsil-Sangola, Dist-Solapur
	3)Participation of Students in Competitions:Students from our department were participated in different competitions organized by R.I.T. College, Islampur
	4) Post Graduate CET (M.C.A., M.B.A. CET) Exam Guidance Programs: • Seminar on "Career Opportunities after Graduation" (Prof.Ajit Jagtap, R.I.T. College, Islampur) • Seminar on "Preparation of M.C.A.-CET" (Prof. Sadavare and Prof. Mrs. More, Navsahyadri Institute of Technology, Shirval, Pune)
	5) Placement Activity :Aptitude Test for Job Campus placement from Aspiring Minds, Gurgaon,Haryana (New Delhi)
	1) Arranged Guest Lecture: We arranged guest lecture on 'Java programming' for B.C.A. Final year students. The lecture was delivered by Miss. Dhanashri Mali who has completed her MCA from Krishna Institute of Computer Application and Management, Wathar.
	2) Personality Development Programs for Students: • Girls students from our department had participated for Women Empowerment Camp' organized by Shivaji University, Kolhapur • Our college was arranged one day 'Judo & Karate Training Program' especially for girls under Women Empowerment program. Girls from our department had

2013-14	spontaneously participated in that program.
	• Our college was arranged one day 'Personality Development Workshop' for our college students. For that workshop, our students had participated. The main speakers for that workshop was: DR. V.B. Kodag (Principal, G.A. College, Sangli) and Dr. M.M. Shinde (Director, RIT, Sakharale) gave training in eloquent manner
	3) Participation of Students in Various Competitions: • Students were participated on 'State Level Programming Competition Event' organized by Krishna Institute of Computer Application and Management,Wathar • Girls from our department had participated for 'Inter-College Competition' organized by 'Girls Student Council' from our college • Students were participated on 'State Level Programming Competition Event': 'INSPIRA-2K 14' organized by RIT College, Sakharale
	4) Participation of students for Awareness Programs : Our students were participated in awareness programs like celebration of pollution-free Diwali, awareness about voting etc.
	5) Participation of students for cultural activities : • Students from our department had participated in University Youth Festival Program and gave a good performance. • College was organized 'Annual Gathering Program'. In this program, our students had participated and gave a good performance.
	6) Various Days Celebrated by Department was Teachers Day, New Year, Womens Day
2013-14	7) Post Graduate CET (M.C.A., M.B.A. CET) Exam Guidance Programs: • Seminar on Post Graduation CET (M.B.A. CET)Exam Guidance programs was arranged in association with R.I.T. College, Islampur • Seminars on Post Graduation CET (M.C.A., M.B.A.)from Krishna Institute of Computer Application and Management,Wathar • Seminar on Post Graduation CET (M.B.A. CET) from CSIBER College,Kolhapur • Seminars on Post Graduation CETfrom JSPM College,Pune
	8) Competitive Exam Preparation Guidance Program: Our college was arranged a guest lecture on MPSC examination preparation for B.C.A. students, on behalf of our college and Jayant Academy, Kasegaon. Students received guidance from Mr. Pradeep Pandharbale
	9) Placement Activity: Our college had arranged one day placement campus for B.C.A. final year students on behalf of 'Influence Computers, Kolhapur'.This campus was successfully organized with the help of our department.

2014-15	1) Participation of Students in Various Competitions: • Students were participated in Various Competitionslike 'SEED IT Idol-2015' • Annual Sports competition in college • Girls from our department had participated for 'Inter-College Competitions' like Mehandi, Cookery, Rangoli, Hair Style, hand Craft etc. organized by 'Girls Student Council' from our college
	2) Various Days celebrated by Department like: Teachers Day, New Year Celebration, Womens Day
	3) Participation of Students in Annual Gathering Program in College
	4) Post Graduate CET (M.C.A., M.B.A. CET) Exam Guidance Programs: • Seminars on Post Graduation CET Exam Guidance programs was arranged in association with Krishna Institute of Computer Application and Management, Wathar • Seminars on M.B.A. CET Exam Guidance programs from Swaraj Institute of Management, Karad
2015-16	1) Arranged Seminar of Industrial Experton 'Project Development Techniques in IT'. The seminar was delivered by Mr. ArunKhot in CDK Global INC, Pune.
	2) Arranged Workshop on Java Programming, Linux Operating System and Career in IT by Prof. Rahul Jadhav and Prof. AbhijitPatil from Bharati Vidyapeeth Deemed University's, Y.M. Institute of Management, Malkapur-Karad.
	3) Participation of Students in Various Workshop: • 'Android Application Development' , ' Advanced Development in Android' workshop in Bharati Vidyapeeth Deemed University's , Y. M. Institute of Management, Karad • Java Hub Workshop on Java in Krishna College Commerce and Science, Wathar
	4) Participation of Students in Various Competitions: • Students were participated for various competitionsof 'Tech++ 2016'event in Yashwantrao Chavan Institute of Science, Satara • Students from our department had participated for 'Inter-College Competitions' organized by our college like Book Talk, Mehandi, Cookery, Rangoli, hand Craft etc.
	5) Various Days was Celebrated by Department like Teachers Day, New Year
	6) Participation of Students in 'Shivaji University Youth Festival Program'
	7) Industrial Visit to Aditi Foods (India)Pvt. Ltd. Nerle,Tehsil-Walwa, Dist-Sangli
	8) Post Graduate CET (M.C.A., M.B.A. CET) Exam Guidance Programs:

	- Seminar on 'Post Graduation CET Exam Guidance' programs was arranged in association with Krishna Institute of Computer Application and Management, Wathar - Seminar on 'CMAT Entrance Exam' preparation programs for BCA-3rdyear students organized in department in behalf of Bharati Vidyapeeth Deemed University's, Y.M. Institute of Management, Malkapur-Karad - Seminar on 'MCA CET Exam preparation' organized in our department on behalf of Zeal College,Pune
	9) Participation of B.C.A. Final year students Students in various Placement activities: - Wipro job campus in K. R. P. Kanya Mahavidyalaya, Islampur. - Amazon job campus in Jaywant Institute of Management, Wathar.
2016-17	1) Inauguration of BCA Committee: 'Computer Literacy and Management Awareness Committee' and organized Seminar Activity of 'Computer Literacy and Management Awareness : Need of Time, the chief guest was Prof. D. R. Patil from K. R. P. Kanya Mahavidyalaya, Islampur
	2) Arranged Guest Lecture on 'Programming in C and C++', the chief guest was Miss. Pooja C. Patil, Computer Trainer, Morya Computer Institute, Kasegaon
	3) ArrangedSeminar Activity Programs for 'Web Project Development' on behalf of Bharati Vidyapeeth Deemed University's, Y.M. Institute of Management, Malkapur-Karad.
	4) Arranged Workshop on 'Web Project Development using HTML and ASP .Net Technology' Prof. Bhaskar Patil and Prof. Abhijit Patil from Bharati Vidyapeeth Deemed University's, Y.M. Institute of Management, Malkapur-Karad.
	5) Participation of Students for various programs outside college: - Students from our department were participated in 'Entrepreneurship Development Camp' organized by Karad Urban Bank, Karad - Students from our department were participated in National Conference on 'Recent Trends in Information Technology' organized by S.G.M. College, Karad
	6) Participation of Students in Departmental Various Competitions like E-quiz Competition, Best Persona Competition, Poster Presentation Competition.
	7) Participation of Students in Various Inter college Competitions like: Vachan Prerana Din, Book Talk Competition, Mehandi, hand Craft, Hair Style,Rangoli,Best from Waste etc.
	8) Participation of students in Various Competitions outside the college: - Elocution competition in Arts and Commerce College, Ashta - Students were participated for various competitions of 'Tech++ 2017' event in

	Yashwantrao Chavan Institute of Science, Satara
	• Students were participated for various competitions of 'Vision-2k17' and 'Inspira-2k17' events organized by Department of B.B.A. and M.B.A. in R.I.T. College, Islampur • Students were participated for various competitions of 'Yashoda Techfest-2017' event in Yashoda Technical Campus, Satara
	9) Various Days Celebrated by our Department like Teachers Day, Traditional Day, New Year, Shivotsav 2017.
	10) Industrial Visit to Gokul Dudh Sangh, Gokul Shirgaon MIDC, Kolhapur as a part of academic activity.
	11) Post Graduate CET (M.C.A., M.B.A. CET) Exam Guidance Programs: • Arranged Seminar on 'MCA Entrance Exam preparation' in association with Krishna Institute of Computer Application and Management, Wathar • Arranged Seminar on 'MCA Entrance Exam preparation' organized in our department on behalf of Bharati Vidyapeeth Deemed University's, Y.M. Institute of Management, Malkapur-Karad
	12) Organized Job Campus Activity: Our College was organized 'Campus Recruitment-2017' in association with Stark Digital Media Services, Pune for giving job opportunities for final year BCA, BCS, B.Sc.(Comp. Sci.), MCA, M.Sc.(Comp. Sci.) students of various college from Shivaji University, Kolhapur
	13) Participation of B.C.A. Final year Students in various Placement activities: • Annasaheb Dange College of Engineering, Ashta • 'Entice – IV Job Fair 2017' organized by Chintamanrao Institute of Management Development & Research, Sangli.

12) Research Paper Publications:

Total Research Publications of Department:

Sr. No.	Name of Teacher	No. of Research Paper Published
1.	Miss. Jangam Swati Subhash	02
2.	Mr. Sathe Dipak Balasaheb	03

13) Remarkable Activities of the Department:

1. **Placement Activity in 2013-14:**
   For our College students, our Department was conducted Aptitude Test of Job Campus placement for Aspiring Minds, Gurgaon, Haryana (New Delhi).
2. **Organized Job Campus Activity in 2016-17:**
   Our College was organized 'Campus Recruitment-2017' in association with Stark Digital Media Services, Pune for giving job opportunities for final year BCA, BCS, B.Sc.(Comp. Sci.), MCA, M.Sc.(Comp. Sci.) students of various college from Shivaji University, Kolhapur. Our Department plays important role in this job campus.

14) Study Tours & Industrial Visits:

Aims and Objectives of Study Tours and Industrial Visits:
1. To know about industrial environment, its nature
2. For getting practical knowledge of industrial working
3. To know about skills requirement for working in industry
4. To aware about job opportunities in industry after education

Year	Place of Study Tour /Industrial Visit	Date of Visit
2015 – 16	Aditi Foods (India) Pvt. Ltd., Nerle,Tehsil-Walwa, Dist.-Sangli	30/12/2015
2016 – 17	GokulDudhSangh, Gokul – Shirgaon, MIDC, Kolhapur	13/01/2017
2017-18	Infosys, Hinjawadi, Pune	06/01/2018

15) Books in Central Library:

No. of departmental Books in Central Library: 416
Magazine / Periodical in Central Library: 01

16) Placement of Alumni/Prominent Positions held by Alumni:

Year	Name of the Student	Designation	Placement at
2012-13	1. Gurav Omkar Balaso	Client partner	Access Healthcare Hinjawadi, Pune
	2. Vinayak Anil Patsute	ICT Teacher	D.B.S.T. Highschool, Karave, Karad
2013-14	1.Lahigade Sagar Hanmant	Junior PHP Developer	Weekend Application Pvt. Ltd. Pune
	2.Patil Nayan Ramchandra	Asst Prof.	R.I.T. Sakhrale-Islampur
	3.Havaldar Rahul Dilip	Clerk	Dalmia Sugar Factory, Kolhapur
	4.Sakale Bharat Ashok	Project Manager	R.M. Developers Construction Land Development Firm, Pune

	5. Vadar Pratik Sanjay	CCE	Excel Sevices Pvt. Ltd. Hadpasar, Pune
2014-15	1. Kambale Nilesh Jagnnath	Computer Teacher	Vishwas Vidyaniketan Chikali, Tal-Shirala
	2.Patil Sadhana Sadashiv	Data Entry Operator	Taluka Setu Office,Islampur
2016-17	1. Howal Pranali Vinayak	Operator	Emerson Company, Karad Dist-Satara
	2. Patil Akshay Anil	Operator	Nirvair Automobiles Washi navi Mumbai
	3.Patil Dhiraj Dhanaji	Quality Control	Menon Piston Ltd. Shiroli MIDC, Kolhapur
	4. Salunkhe Nilam Suresh	Assistant Accountant	All Solutions Pvt. Ltd., Mumbai
	5.Yadav Akshay Janardhan	Database Administrator	IT Preneur Data System Pvt. Ltd., Pune
	6.Thorat Shweta Shashikant	Receptionist	Manali's Hotel Management Institute, Kasegaon

17) Admission taken for Post Graduation:

Pass out Year of Batch	Name of the Student	Post-Graduation Admission Taken	College Name
2012-13	1. Gurav Omkar Balaso	M.C.A.	Sinhgad Institute,Pune
	2. Jadhav Varsha Manikrao	M.C.A.	Krishna Institute of Computer Application and Management
2013-14	1. Lahigade Sagar Hanmant	M.C.A.	Krishna Institute of Computer Application and Management
	2. Mohite Sushma Akaram	M.C.A.	Sinhgad Institute,Pune
	3. Patil Nayan Ramchandra	M.C.A.	Sinhgad Institute,Pune
	4. Patil Priyanka Anandrao	M.B.A.	Bharti Vidyapeeth Deemed University's , Bharti Vidyapeeth Institute of Management, Kolhapur
2014-15	1.Kamble Nilesh Jagannath	M.C.A.	Krishna Institute of Computer Application and Management
2015-16	1.Malusare Sani Balasao	M.C.A.	Bharati Vidyapeeth Deemed University's ,Y.M. Institute of Management, Malkapur-Karad
	2.Patil Shivdatta Mohanrao	M.C.A.	Government College of Engineering,Karad

2016-17	1.Chougule Pankaj Vilas	M.B.A.	R.I.T., Sakhrale-Islampur
	2.Patil Akshay Anil	M.C.A.	Bharti Vidyapeeth Deemed University's , Y.M.Institute of Management, Malkapur-Karad

18) Future Plans:

1. To start Post Graduate courses like M.C.A, M.B.A. etc.
2. To arrange campus placements activities effectively
3. To provide Wi-Fi facility for students.
4. To start Departmental Library.
5. To arrange National/International : Seminars/Conferences/Workshops/competition events

Head,

Department of B.C.A.