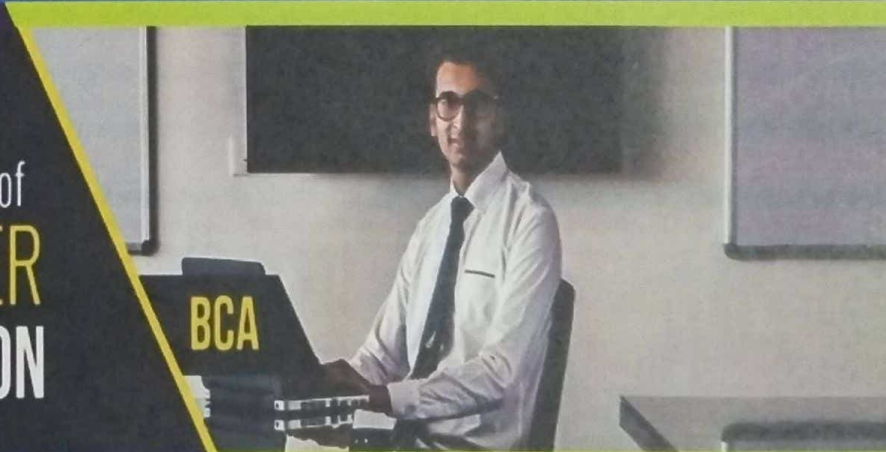New Satara Samah Mumbai's

NEW SATARA COLLEGE OF
B.C.A.
PANDHARPUR

Affiliated to Solapur University, Solapur

Bachelor of
COMPUTER
APPLICATION

BCA

INTRODUCTION

New Satara College of B.C.A, Pandharpur. Dist. Solapur was established by New Satara Samuh, Mumbai (Group of Co-operatives Mumbai) in June 2009.

New Satara Samuh, Mumbai (Group of Co-operatives Mumbai) was established in 1990 under registration of BOM/WN/RSR/ (C.R)/1068 year 1990. The Founder President of the institution is Mr. Rajaram (Nana) Mahadev Nikam.

MISSION & GOALS OF THE INSTITUTION

★ To aware students the greatness of Higher Education.

★ To provide higher & quality education to the students.

★ To enable the student to stand on his own foot.

★ To develop the personality of the student.

★ To open the doors of Education to the rural areas students.

Vision & Mission

OUR VISION

We be recognized as one amongst the best Institutes in Maharashtra for pouring excellence in Technical Education, Leading to over all development.

OBJECTIVES

OBJECTIVE

★ To achive academic excellence through own channelized pattern of teaching learning process.

★ To enhance industry institute interaction to provide practical industrial exposure to the students and up gradation of the faculty knowledge about advanced trends.

★ To develop the state of the art, research and consultancy cell to render services to the industries.

★ To reach towards the objectives with proper link of plans.

////// Bachelor of Computer Applications \\\\\\

1) Title:
The degree shall be titled as Bachelor of Computer Applications (BCA)

2) Objectives of the course:
This is a three years bachelor degree course 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 programmer, system analysts, database administrators, documentation officer etc.

3) Duration:
i) The course shall be a full time course.
ii) The duration of course shall be three years.
iii) The course shall be run on self-supporting basis.

4) Number of Students:
A batch shall consist of not more than 60 students.

5) Eligibility:
i) A candidate for being eligible for admission to the Degree Course in Computer Science. Candidate shall have passed XII std. Examination of the Maharashtra Board of Higher Secondary Education or its equivalent or any Diploma of not less than two years.
ii) A candidate has to appear for a common entrance test to be conducted by respective college for getting admission to this course.

1. Percentage at HSC	100
2. Percentage at Entrance	100
Total	200

The merit list will be prepared on the basis of percentage of HSC and percentage at entrance examination. Students will be admitted on the basis of Merit list.

6) Medium:
The medium of instruction and examination will be only in English.
a) Details of Internal examination:

1. Attendance	05 marks
2. Assignment	20 marks (3 Home & 2 class assignments)
3. Mid-Test	05 marks
Total	30 marks

b) Marks of Lab course and mini project will be given by the concerned college on the basis of evaluation by the internal teacher.

c) Original Report and Viva-Voce:
Project Report will be assessed by the internal teacher at the end of sixth semester out of 70 marks and there will be viva-voce examination of 80 marks. The panel of examiners will consist of one internal and one external appointed by university.

Standard of Passing:
A candidate must obtain minimum 40% marks for passing in each university examination paper, internal examination, Lab course, Major Project.
i) Class will be awarded on the basis of marks obtained by the candidate in all the six semester examination.
ii) Candidate who has secure 40% marks in each head of internal credit and semester examination shall be declared to have passed in the paper.
iii) A candidate who fails in any particular theory papers shall be allowed to reappear for that theory paper. However, his/her internal credit marks shall be carrying forwarded.

Award of Class:
Class should be awarded to the students of BCA on the basis of aggregate marks in the six semesters.
The award of class shall be as under:

Aggregate 70% and above	First class with distinction
Aggregate 60% and above	First Class But less than 70%,
Aggregate 50% and above	Second Class But less than 60%
Aggregate 40% and above	Pass Class But less than 50%

DOCUMENTS TO BE ATTACHED

a) HSC (12th) Statements of Marks
b) SSC (10th) Statements of Marks / Certificate
c) Transfer / Leaving Certificate from the College last attended.
d) Five ID size recent photos.
e) Affidavit if gap in education (GAP Certificate)
f) Cast Certificate
g) Cast Validity Certificate
h) Gazette Certificate (If change in name)
i) Other required documents if necessary

RULES OF DISCIPLINE

1) Student's attendance should be regular according to the Time - Table.
2) College dress code is compulsory to all students.
3) If the student wants to remain absent, he/she should take permission from the authority.
4) Any miss behavior of a student will be considered as serious breach of discipline and will be punished.
5) Students should follow the general & special rules made by the college authorities from time to time with regard to their conduct & studies.
6) Students are not allowed to carry mobile phone sets in the classroom, Library & Computer lab.
7) Ragging & Smoking in the college campus is strictly prohibited.

//// STRUCTURE OF THE B.C.A. SYLLABUS \\\\

SEMESTER - I

Course Code	Title of Course	Credits		Lectures / Week			Evaluation		
		Th.	Pr.	Th.	Tu.	Pr.	CA	UE	Total
BCA101	Fundamentals of Computer	4	-	5	-	-	30	70	100
BCA102	Basics of 'C' Programming	4	-	5	-	-	30	70	100
BCA103	Financial Accounting with Tally	4	-	5	-	-	30	70	100
BCA104	Communication Skills	4	-	5	-	-	30	70	100
BCA105	Discrete Mathematics	4	-	5	-	-	30	70	100
BCA106	Lab 1 Based on 101,102,103,105	-	4	-	-	8	30	70	100
	Total	20	4	25	-	8	180	420	600

SEMESTER - II

Course Code	Title of Course	Credits		Lectures / Week			Evaluation		
		Th.	Pr.	Th.	Tu.	Pr.	CA	UE	Total
BCA201	Advanced Programming in C	4	-	5	-	-	30	70	100
BCA202	Web Technology	4	-	5	-	-	30	70	100
BCA203	Software Engineering	4	-	5	-	-	30	70	100
BCA204	Digital Electronics	4	-	5	-	-	30	70	100
BCA205	Computer Oriented Statistics	4	-	5	-	-	30	70	100
BCA206	Lab 2 Based on 201,202,204,205	-	4	-	-	8	30	70	100
	Total	20	4	25	-	8	180	420	600

STRUCTURE OF THE B.C.A. SYLLABUS

Year of Course	Sem	Paper Code (Computer)	Paper Code (BOS)	Paper Name	Paper Number (I/II/III)	Paper Type	Credits	No. of Lectures in Hr/Wk	Total Lecture in Semester	Teaching Learning Method	Assessment Method	Total Marks Max	Total Marks Min	Theory ESE (UA) Max	Theory ESE (UA) Min	Theory ICA (CA) Max	Theory ICA (CA) Min	Practical ESE (UA) Max	Practical ESE (UA) Min	Practical ICA (CA) Max	Practical ICA (CA) Min
SY	III	BCA 301		Data structures using 'C'	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	III	BCA 302		Networking & Data Communication	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	III	BCA 303		DBMS with Oracle	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	III	BCA 304		OOP with C++	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	III	BCA 305		Operations Research	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	III	BCA 306		Lab 3 Based on 301,303,304	1	1	12	-		Laboratory	Practical	100	40	-	-	-	-	70	28	30	12
SY	IV	BCA 401		Software Testing	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	IV	BCA 402		Python	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	IV	BCA 403		Operating System	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	IV	BCA 404		Advanced Web technology	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	IV	BCA 405		E - Governance	1	1	4	5		Lecture	Theory	100	40	70	28	30	12	-	-	-	-
SY	IV	BCA 406		Lab 4 Based on 402,404	1	1	12	-		Laboratory	Practical	100	40	-	-	-	-	70	28	30	12

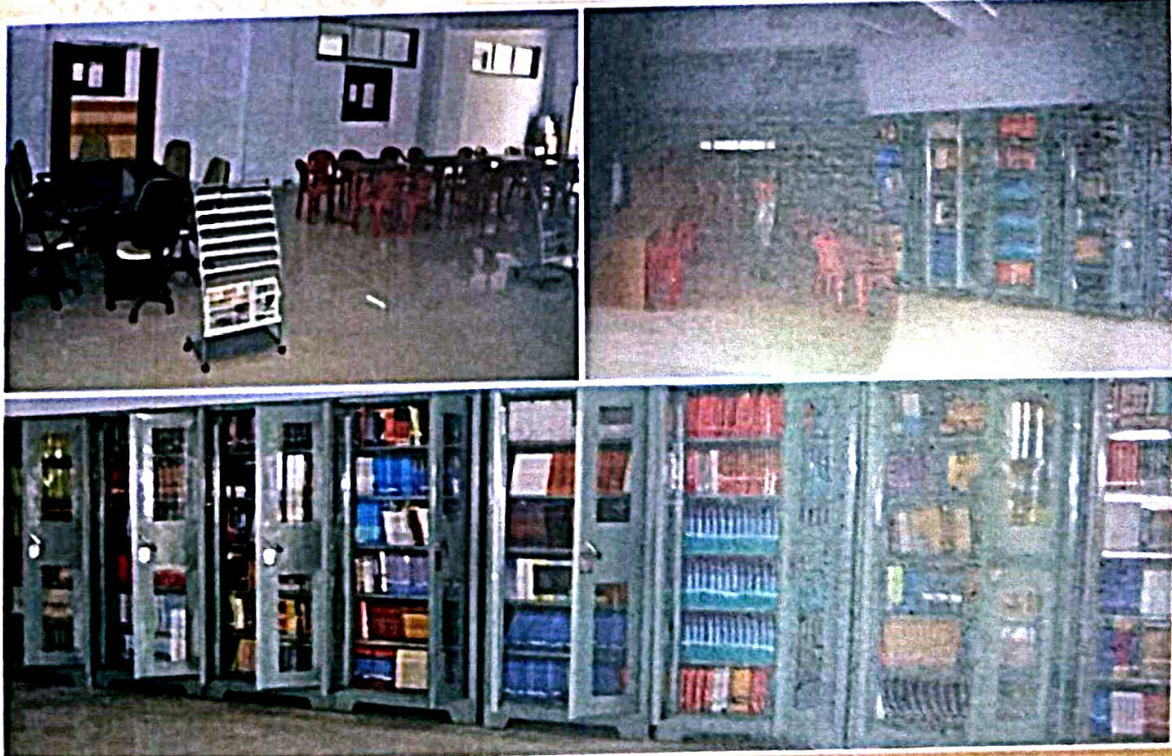Paper Type legend: 1. Core/Compulsory 2. Fundamental / Optional Elective

LIBRARY

A Library fulfilled with all required course books. We not only provide course books but also magazines, newspapers, aptitude books, Literatures, Motivational books.

These are for keeping our students update with latest knowledge and stand them on their own feet.

We provide you a variety of books, Magazines & Literature on various subjects. Also allows you e-library.
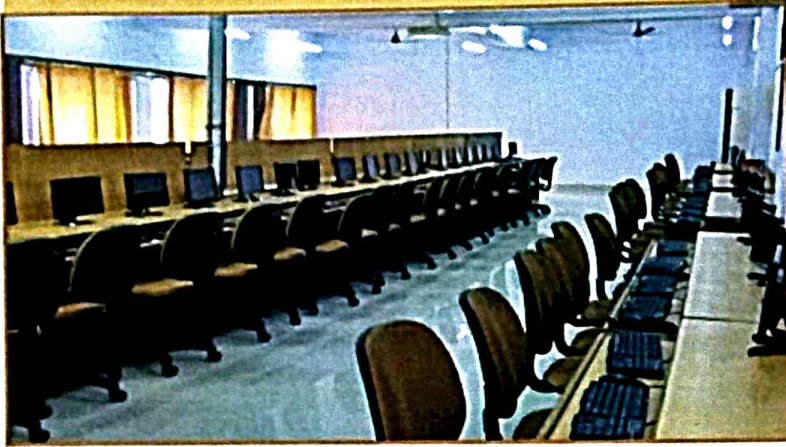
COMPUTER LAB

A well Configured and well setup computer lab with high speed broadband Internet.

Bus Facility

We provide you a Bus facility within Pandharpur. The institute has Bus Facility for Local Conveyers.
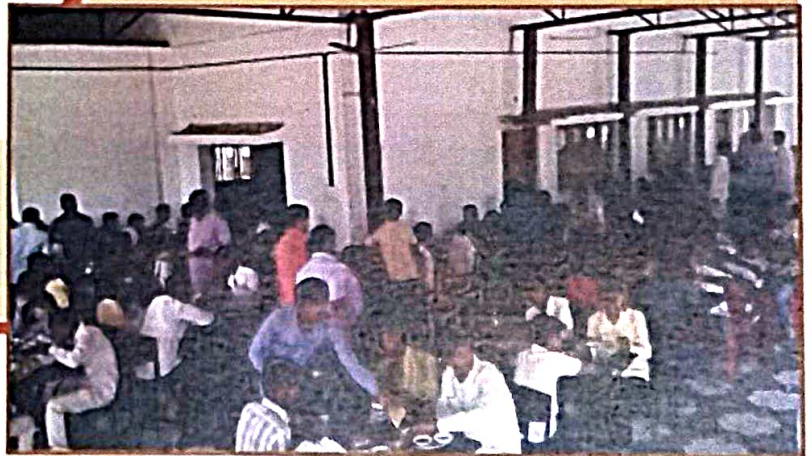
Industrial Academia

HOSTEL

We allow you a good and well structured Hostel with all facilities needed for Boys and Girls separately.

CANTEEN

For healthy and fresh food you have Canteen facility within the campus

SEMINAR HALL

To develop students presentation skill and personality here is Seminar Hall with LCD Projector.

INDUSTRIAL VISIT

Industrial Visits for direct work experience. It enhances our student's entrepreneurship and motivates them to think different.

PRICES & AWARDS

We encourage the talent and also motivate them through giving prices to become more successful.

CELEBRATING THE JOY OF COMPLETION

We are Celebrating the Joy of Completion of our senior students and wishing them bright future.

NATIONAL SERVICE SCHEME (NSS)

"Swatch Bharat Mission"

"National AIDS Day"

"World Blood Donation Day"

"Tree Plantation"

"Cultural Event"

"Competitive Exam Cell"

///// SPORT EVENTS \\\\\

Our students have opportunity to develop their sports skills. Indoor and outdoor competitions are arranged within the campus. It Includes Chess, Carom, Rangoli, Cricket, Tug-of-War, Volleyball, Running, Long-Jump, High-Jump, etc.

Chess

Carom

Volyboll

Cricket

New Satara Institutes, Korti-Pandharpur

Karad

Way to College

New Karad Naka

Link Road,

Railway Station

Savakar Chowk

Pandharpur Bus Stand

Other Recognized Institutes

NEW SATARA COLLEGE OF ENGINEERING & MANAGEMENT (POLYTECHNIC) COLLEGE,

(Approved by AICTE, New Delhi & Affiliated to M.S.B.T.E. Mumbai)

Gat No. 429/1/B/1, Korti, Tal-Pandharpur, Dist. - Solapur,
Contact No.: (02186) 282142, 282199 E-mail-newsatarapoly@gmail.com

NEW SATARA INDUSTRIAL TRAINING INSTITUTE

(App. by Govt. of Maharashtra & Affi. To DGE&T New Delhi)