Shreemati Nathibai Damodar Thackersey Women's University Mumbai

(Nacc Accredited Five-star University)

Nathibai Thackersey Road, Churchgate, Mumbai 400 020.
Tel. No. 022-22031879

Vice Chancellor - Dr. Vasudha Kamat

SHREEMATI NATHIBAI DAMDOAR THACKERSEY ARTS AND COMMERCE COLLEGE FOR WOMEN

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B+

BACHELOR OF COMPUTER APPLICATIONS

P R O S P E C T U S
2014-2015

Dr. G. Y. Shitole
Principal

The **SNDT** Women's University was established in 1916 by Bharatratna Maharshi Dhondo Keshav Karve and generously supported by Sir Vitthaldas Thackersey. It is the first of its kind in India, imparting education exclusively to women, to suit their aspirations in the fast changing world. It got a statutory recognition in 1951 and thus became at par with any other University in India. It has been striving for the upliftment, betterment and empowerment of women from all social strata throughout Maharashtra and Gujrat, through comprehensive and all round progress in education. In 2000, The National Assessment and Accreditation Council established by the University Grants Commission has accredited SNDT Women's University and also the College. This is the first University getting a high ranking in accreditation in Maharashtra and the second University in India, voluntarily applying for such a kind of evaluation through NAAC and passing the golden test with flying colours.

SNDT Arts and Commerce College for Woman is constituent college of SNDT Women's University. It is the oldest and the premier college of this University, carrying the touch of glory and heritage of this renowned University. Situated at Maharshi Karve Vidya Vihar, the most beautiful and specious campus of the SNDT University on Karve Road, Pune, this college has been offering various courses in Arts and Commerce, right from Junior College (XI and XII) to undergraduate and post-graduate degree. The college has been a centre of attraction not only for the students from all over India but from abroad as well. Renowned faculty, personal attention to the students, up to date and challenging syllabus, various co-curricular and extra curricular

activities, hostel facilities, well equipped library, sports facilities are some of the special features of this college.

To cope up with the changing demands of the job market in the new millenium, the college has introduced a new course in Computer Sciences from the academic year 2001-2002.

Bachelor of Computer Applications (BCA) Course

This is a three year Degree Course in Computer Applications with English as a medium of instruction. Admissions will be strictly on the basis of merit. The decision of the Principal of the college will be final regarding admissions.

a) Higher Secondary i. e. XII Science or Vocational Course in Information Technology as a special subject students can join BCA Course. Minimum 55 percent aggregate marks are expected.

Those who do not have Mathematics at XII examination or those who have secured less than 60% in mathematics have to do a Bridge Course in Mathematics.

All the students with science background will have to do a Bridge Course in Accountancy.

b) Higher Secondary i. e. XII Commerce students with minimum 60% marks can join BCA Course. These students should have done their XII Examination with Mathematics as compulsery subject.

c) Students who have done three year full time Diploma in Engineering or Technology recognised by the state level Boards of

Education with Mathematics as a subject and with minimum 60% aggregate marks can join BCA course.

Minimum % at XII Examination

Science   55%

IT   55%

Commerce   60%

Diploma in Engineering or Technology 60%.

All the students from Commerce and Arts will have to undergo a <u>Bridge</u> Course in Mathematics.

All the students from Science, IT, Diploma and Arts will have to undergo a <u>Bridge</u> Course in Accountancy.

First Year

<u>Semester - I</u>

1101	Business and Technical Communication Skills
1102	Principle & Practice of Accounting
1103	Introduction to Programming & Problem Solving Using 'C'
1104	Computer Fundamentals & Operating Systems.
1201	Problem Solving Using 'C' LAB
1202	GNU / Linux LAB

Total Credit - 20   Total Marks - 500

<u>Semester - II</u>

2101	Introduction to logc circuits and digitial design
2102	Discrete Structures & Graph Theory
2103	Advanced 'C'
2104	Environmental Science & RTI
2201	Advanced 'C' LAB

2202   Open Source Operating System and Application Softwares LAB

       Total Credit - 20   Total Marks - 500

Second Year

Semester - III

3101   Introduction to Microprocessor
3102   Numerical Methods & Algotithms
3103   Computer Organization & Architecture
3104   File Structure & Database Management System
3201   Microprocessor LAB
3202   Database Management System LAB

       Total Credit - 20   Total Marks - 500

Semester - IV

4101   Data Structure & File Organization
4102   Information System Analysis & Design
4103   Introduction to Software Engieering
4104   Object Oriented Programming Using C++
4201   Data Structure LAB
4202   Object Oriented Programming C++ LAB

       Total Credit - 20   Total Marks - 500

Third Year

Semester - V

5001   Introduction to Statistical Methods & Numerical Methods
5002A Java Programming (Th)
5002B Java Programming (Pr)
5003   PC Maintenance
5004   MIS

5005   Introduction to Software Engineering

5006A Web Technology - I (Th)

5006B Web Technology - I (LAB)

5007   Mini Project

       Total Credit - 24   Total Marks - 600

Semester - VI

6001A Open Source Programming (Th)

6001B Open Source Programming (Pr)

6002   System Software

6003A Web Technology - II (Th)

6003B Web Technology - II (Pr)

6004   Electives

       ERP / Computer Security / Introduction to Artificial Intelligence / Advance Java (Th) / Advance Java (Pr)

6005   Project

       Total Credit - 24   Total Marks - 600

Each Semester has 20 credit pattern.

Examination :

From the year 2004-2005, BCA Course has Semester System. BCA Part I, BCA Part II and BCA Part III examinations will be conducted semesterwise. In each semester, each paper, there will be a mid-semester, examination of marks 25 and the final semesterend examination of 75 marks.

Terms for Passing :

Minimum 40% in external component and 40% in internal component separately.

Award of Class

Class	Total	
1)	Pass Class	40% & above but less than 45%
2)	Second Class	45% & above but less than 60%
3)	First Class	60% & above but less than 70%
4)	Distinction	70% & above with Distinction

College Timinges :
Monday to Saturday : 11.00 a. m. to 5.00 p. m.

Office Timinges :

Monday to Firday   : 10.30 a. m. to 5.30 p. m.

Saturday   : 11.00 a. m. to 1.00 p. m.

Cash Transactions are closed on Saturday.

Academic Terms and Vacations for the year 2014-2015

College will reopen on 9th June 2014

Rules for Admission :
1) An applicant will have to submit the following documents along with her application/admission form :

 a) Marklist of XII Standard Examination (Original and 2 True Copies)

 b) College Leaving Certificate (Original Copy and 2 True Copies)

 c) Caste Certificate, if necessary i. e. for SC/ST/OBC. (Original and 2 True Copies)

d) Transference Certificate, if the student is from conducted/affilliated College of SNDT Women's University (Original Copy)

e) Certificate regarding change in the name with seal and signature of a Gazetted Officer, in case of a married applicant (Original Copy)

2) A student seeking admission in the College for the first time will have to apply in a prescribed printed admission form along with eligibility form.

3) The student will be personally responsible for enrolling herself in University. If she fails to fill up Enrollment Form, she will not be allowed to appear for the examination.

4) Every year a new application form has to be filled in by every student.

5) Admission in a particular class will be finalised only on SNDT University confirming the acceptance of the eligibility of the student or registering the name of the student.

6) A student must apply on or before the last date of accepting application forms.

7) Principal's desision is final in case of all admissions.

College Rules :
1) **Students are not allowed to use mobiles in the class & campus. If seen, they will be confiscated.**

2) Every student who is admitted to the College will have to collect her identity card from the office compulsorily. The identity card should be with the

concerned student and will have to be produced anytime it is asked for. New indentity card will cost Rs. 50/-.

3) It is compulsory to appear for every examination. Minimum attendence required is 80%. In case, the attendence is less than 80% the student will not be given examination form.

4) Students are accountable to the Principal for their behaviour both in and outside the College. They should not represent the College in any outside activity without the written permission of the Principal.

5) Silence should be maintained in the classes, library, reading hall and corridors.

6) Students are requested to help in maintaining college equipments, furniture and the premises, neat and clean.

7) Visitors and correspondence at the college address are not permitted for students except with the prior permission of the Principal.

8) If a student is required to leave the college in the middle of the day for an emergency she should do so with the permission of the Principal.

9) A student shall be allowed to discontinue her studies only on receipt of a written request to that effect from her guardian.

10) **With reference to circuler dated 18th July 2007 number : Sankirna 2005/(238/05) vishi issued by the Department of Higher and Technical**

Education, Maharashtra State for implementation of the judgement given by the Ho'nable supreme court regarding Anti-Ragging Kindly note that a student with the past record of involvement in ragging will not be given admission in this college. Similarly, if the involvement of only student in ragging is noticed afterwards, the college shall rusticate such a student.

If any incident of ragging comes to the notice of the college authorities, the concerned student shall be given liberty to explain and if her explanation is not found satisfactory, the college authorities would expel her from the college.

11) **Any change in the fee structure, terms of passing and syllabus will be implemented as per University guidelines.**

Hostel Accomodation :

Students from outside Pune will be given preference for admission in the hostel on merit basis. For more information meet the Hostel Superitendent.

S. N. D. T University Library :

At the time of taking admission, students should become members of the library. For more information meet the Librarian.

Department Library :

Departement is equipped with plenty of books.

Students can borrow these book by paying Rs. 50/- per year as fees.

Extention Activities :

- **N. S. S. :**

  As per the guidelines and orders of Government, our College has N. S. S. and students can participate in different national and social programmes. Under this programme visits are arranged to different national and social problmes. Seminars, slide-shows, general cleanliness, personality development, camps for social work etc. are also arranged for this purpose.

- **N. C. C. :**

  Special guidance is given to students interested in N. C. C. programme. Our college has a separate N. C. C. unit, managed by a trained lady officer.

- **Compu-Fest :**

  B.C.A. Dept. organizes Compu-Fest as a one day event for students. It is full of activities like Quiz, Games & Guest Lectures & Entertainment related with latest trends in IT.

- **Annual Social :**

  'Annual Social Gathering' is arranged in the month of December, every year. Students present varied cultural and entertainment programmes. Competitions like Group Dance, Personality, Quiz, Essay-writing, Debating, Cross-words Puzzle, Fancy Dress, Music, Rangoli, Mehendi, Sports and Games etc. are arranged on the occassion of annual social gathering. This is the best opportunity to the students to present their arts, qualities and abilities.

- **Sports Department :**

  To promote the sports-spirit and to motivate students to participate in sports and games, training in the sports like Kho-Kho, Kabaddi, Vollyball etc. is made available. Expert coaches are appointed for this purpose. Students can participate in different sports at National level. Special coaching is given for individual and group sports. This department has a special training programme in Karate and Civil Defence.

- **Shabdotsav Miscellany :**

  To motivate students for the creation of quality literature, we take out one miscellany, 'Shabdotsav'. Different articles, Essays, Short Stories, Poems and likewise literature written by the students can be published through this miscellany. Attractive rate of commission is allowed to those students who collect advertisements for Shabdotav and a student who collects maximum amount by way of advertisements gets a special prize by this department.

- **Cultural Department :**

  To enable the students to have an all round personality development, we have study circle, educational tours, drawing competitions, music competitions, art and craft competitions, elocution competitions, dance and drama competitions. We organise various cultural programmes from time to time.

INFORMATION ABOUT FEES :

1) A student seeking admission in SNDT University for the first time will have to pay eligibility fees.

2) A student will have to pay the fees on the dates declared by the college. Late payment will attract fine. It is necessary to retain all the fee receipts carefully.

3) Birdge Course in Mathematics for BCA Part I - Rs. 2,000/-.

   Bridge Course in Accountancy for BCA Part I - Rs. 1,500/-.

4) Foreign students have to pay Rs. 50,000/- as Tution fees and as eligibility fee Rs. 500/-.

Revised Fee Structure 2014-15 (B.C.A.)

Sr. No.	Particulars	I Year		II Year		III Year	
		Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V	Sem-VI
	B.C.A.						
1	Admission Fee	530	0	530	0	530	0
2	Annual Tuition fee	15000	0	15000	0	15000	0
3	Annual Lab Deposit (to be charged only in the first year	1000	0	0	0	0	0
4	Annual Lab fee	5000	0	5000	0	5000	0
5	Development Fee I	500	0	500	0	500	0
6	Gymkhana Fee	500	0	500	0	500	0
7	Library Deposit	1500	0	0	0	0	0
8	Library Fee	1000	0	1000	0	1000	0
9	Students Welfare Fee	75	0	75	0	75	0
10	Medical Fee	35	0	35	0	35	0
11	Sports Fee	100	0	100	0	100	0
12	Diary Fee	50	0	50	0	50	0
13	Identity Card Fee	35	0	35	0	35	0
14	Eligibility Fee	250	0	0	0	0	0
15	Enrollment Fee	250	0	0	0	0	0
16	e-Suvidha	50	0	50	0	50	0
17	Caution Deposit	100	0	0	0	0	0
18	Disaster Management	10	0	10	0	10	0
19	Ashwmedh & Avishkar	30	0	30	0	30	0
20	Annual Magazine fee	50	0	50	0	50	0
21	Annual miscellaneous fee	150	0	150	0	150	0
22	Project Fee (to be charged only in the Last year)	0	0	0	0	1000	0
23	Other Annual Fee (Internet, Instrectional matrial)	1000	0	1000	0	1000	0
24	Placement Fee (to be charged only in the Last year)	0	0	0	0	0	500
25	Dissertation Fee (to be charged in the last semester)	0	0	0	0	0	250
	Total	27215	0	24115	0	25115	750

Sr. No.	Particulars	I Year		II Year		III Year	
		Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V	Sem-VI
	Examination Fee						
	Examination Fee	2000	0	2000	0	2000	0
	Passing certificate Fee (to be charged in the last semester)	0	0	0	0	0	150
	Convocation fee (to be charged in the last semester)	0	0	0	0	0	375
	Practical Examination Fee	700	0	700	0	700	0
	Total	**2700**	**0**	**2700**	**0**	**2700**	**525**

Refund of fees for un-aided courses

Time of Withdrawal	Conditions of Withdrawal	Refund of Tuition Fees	Refund of other fees	Refund of Deposits	Charging of Processing Fees
Application for withdrawal submitted before starting of the programme or before close of admission process, whichever is earlier	--	75% of the Tuition Fees to be refunded	75% of Fees to be refunded	All deposits to be refunded	Rs.1,000/-
Application for withdrawal submitted after starting of the programme or after close of admission process, whichever is earlier	The seat falling vacant is filled by admission of another candidate	50% of the Tuition Fee to be refunded	50% of fees to be refunded	All deposits to be refunded	Rs.1,000/-
	The seat remains vacant even after closure of admission process	Entire fee will be forfeited	All fees to be forfeited	All deposits to be refunded	--

Essentials for refund of fees

e.   The student submit written application on plain paper for cancellation of admission (with the date) alongwith the fee receipt.

f.   The purpose of cancellation should be clearly stated in the application.

g.   The application should be signed by Head of the Department.

h.   The application should be 'inwarded' by the department office.