

**SNDT Women's University**  
**1, Nathibai Thackersey Road,**  
**Mumbai 400 020**

**Course Name**

Post Graduate Diploma in Computer Science and Applications (PGDCSA)

**Level**

Post Graduate Diploma

**Duration**

One year, Full Time

**Eligibility**

1. A Women graduates from a recognized university with an aggregate marks of not less than 50% (Open Category) and 45% (Reserved Category).
2. Mathematics at 12th Level or 100 marks mathematics studied at graduation level is minimum requirement.

**Annual Intake**

35

**Medium of Instruction**

English

**Admission procedure**

Merit Basis

**Approx. Fee**

Rs. 30,017/-

**Future Career Prospects**

- Train highly competent computer software professionals needed by the industry.
- Strengthen teaching, research and consulting in the area of computer applications.
- Develop software for the improvement of educational testing and software for students with learning disability.
- Promote teaching materials and manpower for computer science education.
- Participate actively in professional bodies and industry to contribute to the society at large.
- Interact with some of the best in the computing profession to give exposure to students and faculty.
- Establish links with national and international organizations for advanced training and research in computer science.

**Mode**

Regular, Full Time

**Course Objectives**

- To provide technical education to women to catalyse their empowerment
- To fulfil the national need for trained teachers and researchers in Computer Science.
- To promote advanced research, doctoral and postdoctoral work.
- To support the efforts of the University to promote computer awareness and utilization in the various departments.

POST GRADUATE DIPLOMA IN COMPUTER SCIENCE  
AND APPLICATIONS (PGDCSA)

w.e.f. 2013-14

Post Graduate Department of Computer Science,  
S. N. D. T. Women's University,  
Santacruz (W), Mumbai - 400 049.

## PGDCSA SEMESTER-I

Code	Subject	L	Pr. / Tu	Cr	Int./ C.A.	Ext. Exam.	Total Marks
1101	Programming Principles and Problem Solving Using C	3	1	4	50	50	100
1102	Computer Organization and Architecture	4	-	4	50	50	100
1103	Web Technology	4	-	4	50	50	100
1104	Operating Systems	2	2	4	50	50	100
1105	Computer Networks And Data Communication	4	-	4	50	50	100
1201	Programming Lab – I*	-	2	2	25	25	50
1202	Operating Systems Lab*	-	2	2	25	25	50
	<b>Total</b>			<b>24</b>			<b>600</b>

<b>SEMESTER-I</b>	<b>1 Credit=25 Marks</b> <b>Total Credits = 24</b> <b>Total Marks = 24*25=600</b>
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## PGDCSA SEMESTER-II

Code	Subject	L	Pr. / Tu.	Cr	Int. C.A.	Ext. Exam.	Total Marks
2101	Structured Systems Analysis and Design	3	1	4	50	50	100
2102	Database Management Systems	3	1	4	50	50	100
2103	Object Oriented Programming Using C++	3	1	4	50	50	100
2104	Software Engineering	4	-	4	50	50	100
2105	Technical Communication and Soft Skills	3	1	4	50	50	100
2201	Web Technology Lab*		2	2	25	25	50
2202	Project*	-	-	2	25	25	50
	<b>Total</b>			<b>24</b>			<b>600</b>

<b>SEMESTER-II</b>	<b>1 Credit=25 Marks</b> <b>Total Credits = 24</b> <b>Total Marks = 24*25=600</b>
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<b>SEMESTER</b>		<b>1 Credit=25 Marks</b> <b>Total Credits = 48</b> <b>Total Marks = 48*25=1200</b>
<b>I</b>	<b>II</b>	
<b>24</b>	<b>24</b>	

**Terms Used:**

Tu.: Tutorial

Pr.: Practical

C.A.: Continuous Assessment

Cr.: Credits

Int.: Internal

Ext.: External