



# Post Graduate Department of Computer Science and Technology



- Established in 1986
- Offers PG courses in Computer Science.
  - MCA
  - MSC IT
  - PGDCA
  - Ph D
  - Certificate Courses
- A Grade by NAAC
- Our mission is to achieve academic excellence through modern teaching-learning methodologies, quality research and academic development programmes.

- Lush green Campus
- Canteen Facility
- Garden Facility
- Computer Lab
- Smart Class



# Availability of seats in various Courses Offered

## Academic Programmes

COURSE	INTAKE OF STUDENTS
MCA	40 GIA + 60 SF
M. Sc. IT	40 SF
PGDCA	30 GIA +20 SF
<ul style="list-style-type: none"><li>• Ph.D. programme (full time &amp; Part time) offered in above disciplines.</li></ul>	
For More details: <a href="https://www.spuvvn.edu/academics/departments/computer-science/academic-programmes/">https://www.spuvvn.edu/academics/departments/computer-science/academic-programmes/</a>	

- **Continuous Evaluation through Internal (30%) and External (70%)**
- **Seminars, Quizzes, Tests, Attendance**
- **Industry projects and Campus**



# Programs and Fees Structure

Programs	Programme Type	Intake	Fees				
			1 <sup>st</sup> Sem	2 <sup>nd</sup> Sem	3 <sup>rd</sup> Sem	4 <sup>th</sup> Sem	PS/PY
MCA	Grant In Aid	40	4930	4010	4030	4010	PS
	Self-Finance	60	21600	20800	20800	20800	PS
Master of Science (IT)	Self-Finance	40	21600	20800	20800	20800	PS
PGDCA	Grant In Aid	30	4080	3160	-	-	PS
	Self-Finance	20	11600	10800	-	-	PS



# Teaching-Learning-Evaluation

## Current Faculty Members

No	Faculty Member	Designation	Academic Qualification
1	Dr (Ms) Priti Srinivas Sajja	Professor & Director	M.Sc. (CS), PhD
2	Dr D B Choksi	Professor	MCA, PhD
3	Dr P V Virparia	Professor	MCA, PhD
4	Dr (Ms) D B Shah	Professor	MCA, PhD
5	Dr Prashant Pittalia	Professor	MCA, PhD
6	Dr (Ms) Sonal A Jain	Professor	M Sc (CS), PhD
7	Dr. B B Patel	Associate Professor	MCA, PhD
8	Dr. V. L Desai	Associate Professor	MCA, PhD
9	Dr J V Smart	Assistant Professor	MCA, PhD



# Teaching-Learning-Evaluation

## Ad-hoc Faculty Members

No	Faculty Member	Designation	Academic Qualification
1	Ms Lakshitha S L	Asst Prof	M.Sc. CS, PhD(pursuing)
2	Ms. Khushbu D. Kalvani	Teaching Asst	M.Sc.(IT)
3	Ms. Meera N. Joshi	Teaching Asst	M.sc. (IT)

For more information: <https://www.spuvvn.edu/academics/departments/computer-science/faculty/>



## Research Projects – Grants received by teaching faculty

<b>Principal Investigator/ Co-Investigator</b>	<b>Funding Agency</b>	<b>Title</b>	<b>Sanctioned Amount (Rs. In Lakh)</b>	<b>Duration</b>
<b>Dr. P. V. Virparia (PI)</b>	<b>UGC</b>	<b>Simulation and Operations Research Modeling for Crops Yield Estimation</b>	<b>0.15</b>	<b>1995-96</b>
<b>Dr. S. M. Patel (PI) Dr. D. B. Choksi Dr. J. V. Smart Dr. O. S. Srivastava</b>	<b>UGC</b>	<b>Design and Implementation of a New Programming Language</b>	<b>2.34</b>	<b>2002-2005</b>
<b>Dr. P.S. Sajja (PI)</b>	<b>UGC</b>	<b>Neuro Fuzzy Decision Support System for Course Selection</b>	<b>7.9</b>	<b>2009-2012</b>
<b>Dr. P.S. Sajja (Co-PI)</b>	<b>DST</b>	<b>Wireless Home Security Systems with Mobile</b>	<b>8.52</b>	<b>2011-2013</b>
<b>Dr. H. B. Pandit (PI) Dr. D. B. Shah</b>	<b>SPU</b>	<b>Designing and Implementation the Model of Decision Support System for Selection of Research Topic</b>	<b>1</b>	<b>2016-2017</b>
<b>Dr. B. V. Patel (PI) Dr. D. B. Shah</b>	<b>SPU</b>	<b>Designing Model for product based search engine</b>	<b>1</b>	<b>2016-2017</b>



## Research Projects – Grants received by teaching faculty

Principal Investigator/ Co-Investigator	Funding Agency	Title	Sanctioned Amount (Rs. In Lakh)	Duration
Dr. K. P. Dave (PI) Dr. B. B. Patel	SPU	Development of Bioinformatics Tools for Algae	1	2016-2017
Dr. P. V. Virparia (PI) Mr. Hardik A. Vyas	GUJCOS T	Development of tool for the conversion Braille to Gujarati text for Assisting Visually impaired	0.84	2016-2019
Dr. Sonal Jain et al (Co-PI)	DST	Early and Automated Diagnosis of Dysgraphia using Deep Neural Network	18	2021-2023



# Infrastructure & Learning Resources



**Smart Class**



**Library**



**Auditorium**



**Conference Room**



**Class Room**

**Common facilities such as Health Centre, Gymnasium, Swimming pool, Hostels at University level**

**Wheel Chair Facility for differently abled candidates**





# Library & Laboratory Resources

## Departmental Library Facilities

**Number of Books : 8702, Titles: 6257, Journals:  
11, Magazines: 8 Journals : 05**

## Departmental Laboratory Facilities

**Servers: 03, Workstations: 185 (WiFi Campus, IoT  
lab)**



# Seminars & Research

<b>NATIONAL SEMINARS ORGANIZED</b>	<b>18</b>
<b>NATIONAL MANPOWER TRAINING PROGRAMMES CONDUCTED</b>	<b>27</b>
<b>PUBLICATIONS:</b> <b>Research Papers:</b>	<b>International: 405+</b>
	<b>National/Regional: 340+</b>
	<b>Books: 28</b>
	<b>Book Chapters: 40+</b>
<b>RESEARCH PROJECTS COMPLETED</b>	<b>8</b>



# Awards

<b>Ph. D. AWARDED</b>	<b>57</b>
<b>Ph. D. WORKING</b>	<b>20</b>
<b>M. Phil. AWARDED</b>	<b>11</b>
<b>INTERNATIONAL FELLOWSHIPS</b>	<b>CICC (Japan): 3</b>
	<b>IFIP (London): 1</b>
<b>ACHIEVEMENTS</b>	<b>Young Scientist Award (National): 1</b>
	<b>CSI-NST Rank: 1</b>
	<b>Hari Om Ashram Prize: 4</b>
	<b>Sardar Patel Research Award: 5</b>
	<b>NCST Rank: 1</b>
	<b>Best Teacher Award: 1</b>
	<b>Outstanding Woman Researcher Award: 1</b>
<b>Lifetime Achievement Awards: 2</b>	

# A glimpse of student activities

