

## P.V.G.'s College of Science, Pune 9

### 6.2.1 Perspective/Strategic plan and deployment documents are available in the institution

Pune Vidyarthi Griha's  
College of Science, Pune-411009.

#### PERSPECTIVE PLAN 2018-2023


##### Introduction to P.V.G's College of Science, Pune - 9

The PVG's College of Science, Pune was established in the year 2001. It is Affiliated to Savitribai Phule Pune University and Recognized & approved by Govt. of Maharashtra. Initially the permission was granted only for B.Sc. (Computer Science) Course. Observing the excellence of the college within a short period of time, the affiliated University and State Government granted permission to start M.Sc. (Computer Science) course in the year 2005 – 06.

##### Salient Features of the college

- Class rooms with modern teaching aid, Computer Labs with PCs of high configuration & high speed internet facility, individual PC for every student
- Separate labs for different subjects like, Computer Science, Electronics, Mathematics & Statistics
- Personal attention to every student
- Experienced & Qualified Teaching Staff
- Training & Placement Cell for UG & PG students
- Special Soft skill development program for students
- Guest lectures for Personality development, Career Guidance, Technical Advancement etc. are conducted round the year
- Project guidance to PG students from Industry Experts
- We invite Industry Experts from various IT companies to teach application oriented subjects
- Pre Placement activities like *Resume Writing, Personality Development, Mock Interview & Group Discussion* etc. are conducted to prepare students for final placements
- To encourage the students to participate in extracurricular activities, the college organizes Annual Social Events every year
- Students are encouraged & provided facilities to participate in following Inter college events;
  - **Academic events:** Programming, project, Quiz, Paper presentation etc.
  - **Sports:** Chess, Cricket, Football etc.
  - **Cultural:** Sakal Karandak, Purshottam Karandak, V. Shantaram Karandak, singing competitions etc.
- Parent-Teacher Meeting



  
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- Library Facility
- Scholarships
- Student Welfare programs are conducted as per circulars of Savitribai Phule Pune University

#### Infrastructure Facilities

- Campus Area: 8 Acres
- Built-up Area: 14,400 Sq. ft.
- Computers: 150
- Distributed Internet Facility: 4 Mbps
- Centralized Computing facility

#### On Campus Facilities

- Boys Hostel Capacity on campus (sharing basis): 135
- Bank
- Telephone
- Reprography
- Generator Back-up: 45 KVA
- Vehicles parking
- Purified Filtered drinking water
- Auditorium on sharing basis (with seating capacity of 450)
- Seminar Hall on sharing basis with A-V facilities (with seating capacity of 100)
- Well equipped library
- Medical Doctor on call



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**College Development Plan**

**Plan for AY 2018-19**

**A. UG & PG Education**

- (a) **Goal:** To create an environment and facilities that encourages intellectual rigor leads to productive team-work results in quality Computer Science graduates, ready to face challenges of global work space.

(b) **Phases and Tasks:**

**Phase I: To create an encouraging facility so as to attract high meritorious students.**

**Task 1:** Efforts will be taken to get more meritorious students by counseling the students during admission period by providing them all information about the college with academic track record and career opportunities available for them.

**B. Academic Excellence & Research**

- (a) **Goal:** To inculcate and sustain quality of education in the field of computer science by maintaining pace of the changing technology as per the industry requirements.

(b) **Phases and Tasks:**

**Phase I: To encourage and promote faculty for conducting research and publication of research papers.**

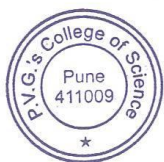
**Task 1:** To enhance research culture at UG & PG students by motivating and guiding them to take up challenging industry projects. Selected industry projects will be used to write and published research papers.

**Task 2:** To recruit faculties having research potential and support them for research activities.

**C. Infrastructure**

- (a) **Goal:** Renovate & develop necessary infrastructure facilities in the college including washroom renovation, coloring and painting of entire building (interior and exterior), repair and maintenance of furniture and electrical fittings.

Developing new advanced computer lab to provide better computing facilities to the students.



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**(b) Phases and Tasks:**

**Phase I: Renovation and development of infrastructure facilities.**

**Task 1:** Renovation of all washrooms available on all floors of the building will be done.

**Task 2:** Establishment of new advanced computer lab on second floor will be develop for providing better computing facilities to the students.

**D. Internal Revenue Generation (IRG) Scheme**

- (a) Goal:** Identify various activities and resources which will earn income for sustaining PVG's COS development plans to generate minimum up to Rs. 10 lac till 2023.

**(b) Phases and Tasks:**

**Phase I: To identify activities which will help to generate revenue by offering short term Certificate courses.**

**Task 1:** To provide college infrastructure to government agencies, organizations to conduct their examinations on Sundays and Holidays.

**Task 2:** To introduce add on courses by using college infrastructure.

**E. Placement**

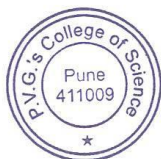
- (a) Goal:** To enhance placement quality and provide better career opportunities to face cut throat competitions in the corporate field.

**(b) Phases and Tasks:**

**Phase I: To provide pre placement training to the students to get quality placements.**

**Task 1:** To sign MoUs with selected training organizations that will provide adequate training for developing soft skills, aptitude ability, interview skills, logical reasoning and group discussions etc.

**Task 2:** To explore various schemes offered by government agencies for skill development training to the students.



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**Plan for AY 2019-20**

**A. UG & PG Education**

(a) **Goal:** To enhance college campus and to increase number of divisions.

(b) **Phases and Tasks:**

**Phase II:**

- To provide a campus environment which will motivate students so that they become successful computer professionals.
- To start additional divisions and new programs in a college to meet increase in demand for admissions from students in the vicinity.

**Task 1:** To establish meaningful industry interaction and arranging motivational talks by eminent persons.

**Task 2:** To encourage students to participate in national competitions and conferences.

**Task 3:** To apply and introduce additional division and new programs in the college to meet increasing demand of the students in the vicinity.

**B. Academic Excellence and Research**

(a) **Goal:** To promote research culture.

(b) **Phases and Tasks:**

**Phase II: To promote and develop research culture by initiating more and more research projects.**

**Task 1:** To encourage participation of post graduate students in funded research projects undertaken by institutes.

**Task 2:** Identify areas of emerging fields.

**C. Infrastructure**

(a) **Goal:** To promote and enhance sports facilities.

(b) **Phases and Tasks:**

**Phase II: Creating facilities for physical fitness of students which is an important need in the present scenario.**



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**Task 1:** To develop gymnasium in college campus.

**Task 2:** Create various physical education facilities in college campus related to games such as Kabaddi, Kho-Kho, and table tennis. Also preparing the ground for basketball and football.

**D. Internal Revenue Generation (IRG) Scheme**

(a) **Goal:** To start short term certificate courses to generate revenue.

(b) **Phases and Tasks:**

**Phase II: To increase number of short term certificate courses and funded research projects.**

**Task 1:** To introduce more number of short term certificate courses for additional revenue generation.

**Task 2:** To identify mini and major projects which can be designed and developed as experimental setup, kit, small gadget useful in the laboratory.

**Task 3:** To encourage students for undertaking projects from industries. Develop a prototype which will be useful for industry with funding support from industries.

**E. Placement**

(a) **Goal:** To enhance technical skills of the students.

(b) **Phases and Tasks:**

- **Phase II: To develop and enhance technical skills of students.**

**Task 1:** Providing training to students from the industry experts in the relevant fields.

**Task 2:** Improving liaison with various corporate organizations so as to get more opportunities of training to students especially in emerging fields.



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**Plan for AY 2020-21**

**A. UG & PG Education**

(a) **Goal:** To provide digital classroom facilities which will be beneficial for teaching learning process.

(b) **Phases and Tasks:**

**Phase III:** To provide best teaching-learning environment so that maximum students will score high percentage / grade in the examinations.

**Task 1:** To encourage faculties to use latest ICT tools, i.e. (digital classrooms, PPTs & video conferencing etc.) while teaching and continuously evaluating the effectiveness of faculty.

**Task 2:** Integration of written and oral communication skills of students throughout program curriculum.

**B. Academic Excellence**

(a) **Goal:** To promote students for emerging field of software technology.

(b) **Phases and Tasks:**

- **Phase III:** Promote emerging field activities.

**Task 1:** Initiate support programs for areas of emerging fields in the form of special courses especially at PG level.

**Task 2:** Develop center of excellence related to emerging field of software technology.

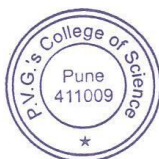
**C. Infrastructure**

(a) **Goal:** To create facilities for teaching learning processes.

(b) **Phases and Tasks:**

**Phase III:** Create facilities for enrichment of teaching learning processes.

**Task 1:** To establish a setup for lecture capturing and recording system/ studio in the college.



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**D. Internal Revenue Generation (IRG) Scheme**

(a) **Goal:** To generate revenue from industry by creating activities.

(b) **Phases and Tasks:**

**Phase III:** To extend support to the industry in product development activities.

**Task 1:** To develop new products useful to society under product innovation & development and get funding from social organizations.

**E. Placement**

(a) **Goal:** To develop interest among the students by providing them training from industry.

(b) **Phases and Tasks:**

**Phase III:** Provide exposure to students regarding industry, and outside world environment.

**Task 1:** Enhance internship facilities for the students in well-known organizations during last semester.

**Task 2:** Enhancing the facilities of training in foreign languages.



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**Plan for AY 2021-22**

**A. UG & PG Education**

(a) **Goal:** To develop interest among the students regarding latest technology.

(b) **Phases and Tasks:**

**Phase IV:** Students to be enriched by providing add-on courses in core areas.

**Task 1:** To provide exposure to students regarding latest technology / trend in the field of Computer Science.

**Task 2:** Preparing students for ethical and professional leadership by organizing guest lectures from eminent resource persons from industry.

**B. Academic Excellence**

(a) **Goal:** To create an environment and facilities which will encourages research interest among the students.

(b) **Phases and Tasks:**

**Phase IV:** Adopt more collaborative approach for academic development and research.

**Task 1:** Improve research facilities phase-wise with financial and technical support from industries.

**Task 2:** Identify and initiate industry research collaborations and funding from university.

**C. Infrastructure**

(a) **Goal:** To create an awareness among the students for green environment.

(b) **Phases and Tasks:**

**Phase IV:** Enhance the college campus more environment friendly.

**Task 1:** Increasing and improving the contribution from Solar PV System to fulfill the requirements of electrical energy in college premises.

**Task 2:** Replacing normal light fittings with LED fittings in phased manner at all floors.



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**D. Internal Revenue Generation (IRG) Scheme**

(a) **Goal:** To generate revenue from schemes like quality improvement program.

(b) **Phases and Tasks:**

**Phase IV:** To generate revenue from add-on courses and quality improvement program from University.

**Task 1:** To promote add on courses and generate revenue.

**Task 2:** To apply and get funding assistance from University under quality improvement program.

**E. Placement**

(a) **Goal:** To arrange special training program for students as well as for teachers also.


(b) **Phases and Tasks:**

**Phase IV:** To organize specialized industrial training to students and teachers.

**Task 1:** To organize training programs for teachers and students to provide exposure from eminent industry / corporate experts.

**Task 2:** To arrange and conduct training programs in project management, time management and financial management for students and teachers.



  
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**Plan for AY 2022-23**

**A. UG & PG Education**

(a) **Goal:** To put efforts to enhance branding of PVG's COS.

(b) **Phases and Tasks:**

**Phase V:** To Sustain and enhance branding for PVG's COS.

**Task 1:** To strengthen the collaboration with national and international universities and effectively implement student-teacher exchange programs.

**Task 2:** To put continuous efforts for quality improvement for teaching learning process and overall development of the institute so as to enhancing brand of PVG's COS.

**B. Academic Excellence**

(a) **Goal:** To sign MoUs with industry as well as professionals, which will benefit the students.

(b) **Phases and Tasks:**

**Phase V:** Establish a strong pool of industry experts and professionals in the field of computer science.

**Task 1:** Signing MoUs with academic & corporate organizations of national and international repute and inviting experts to college campus for interactions with students and teachers.

**Task 2:** To enhance the quality of practical inputs to the students to bridge gap between academic and industry.

**C. Infrastructure**

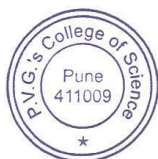
(a) **Goal:** To create an environment and facilities which will create a platform for industry-institute interaction.

(b) **Phases and Tasks:**

**Phase V:** To increase the facilities on the campus for future excellence.

**Task 1:** To create common platform for industry-institute interaction by providing conducive environment and infrastructure facilities.

**Task 2:** To develop digital media classrooms in the college building.



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**D. Internal Revenue Generation (IRG) Scheme**

(a) **Goal:** To identify various activities which will help to generate revenue for the college.

(b) **Phases and Tasks:**

**Phase V:** To introduce add on courses on technical skill development activities and soft skill development for generating revenue.

**Task 1:** Encourage college to conduct specialized and emerging field computer courses for students either independently or in collaboration with industry organizations and the college should earn revenue minimum up to Rs. 50,000 to Rs. 1, 00,000.

**Task 2:** To introduce finishing school concept in collaboration with reputed industries and experts by offering specialized soft skill courses for PVG's COS students and open to all so as to earn minimum Rs. 2000/student.

**E. Placement**

(a) **Goal:** To create a platform for students by arranging job fairs.

(b) **Phases and Tasks:**

**Phase V:** Provide platform for exploring students' credentials to various industries, organizations.

**Task 1:** Invite various software industries to arrange more pool campus programs in the college campus itself for students of PVG's COS and open to all.

**Task 2:** Organize job fair at regular intervals.

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