



Vidya Pratishthan's

ARTS, SCIENCE AND COMMERCE COLLEGE

Vidyanagari, Baramati, Dist. Pune – 413133

Students
Handbook
2017-18



B.Sc. (Computer Science, Biotechnology)
B.C.A. (Science)
B.B.A. (Computer Application)
M.Sc. (Computer Science, Biotechnology, Microbiology,
Analytical Chemistry, Zoology, Physics)

IN PURSUIT OF ACADEMIC EXCELLENCE THROUGH TEAM SPIRIT

- | | |
|---|---|
| • NAAC reaccredited 'A' grade | • Best College Award by SPPU, Pune |
| • DBT Star College & Star Status | • DST - FIST grant |
| • Vanashree Award by Government of Maharashtra | • Best College Magazine Award (9 times) |
| • Best Magazine Award by Yashwantrao Chavan Pratishthan, Mumbai | |

Our Mission:

- ▶ To aid rural development through quality education is our aim.
- ▶ To build character through a well-rounded range of curricular, co-curricular and extra-curricular activities is our holistic focus.
- ▶ To impart value-based, traditional and innovative learning practices by state-of-the-art infrastructure is our commitment.
- ▶ To bridge the gap between classroom teaching and research is our thrust.
- ▶ To facilitate a harmonious symphony of excellence in teaching with a well-rounded motivational approach is our objective.
- ▶ To inculcate gender equality, empowering women and national integrity is our promise.

Our Motto:

‘In pursuit of academic excellence through team spirit’

Our Goals:

- ▶ **Knowledge Goal:** To strengthen the intellectual side of personality.
- ▶ **Physical Development Goal:** To provide relevant facilities for the development of a good physique.
- ▶ **Moral Goal:** To enable the students to cultivate certain moral values.
- ▶ **Social Goal:** To activate and foster the sense of obligation, loyalty, self-discipline and spirit of sacrifice for the society among students.





STUDENT PERSONAL PROFILE

Personal Details:

Name of the Student: Mr/Ms. _____
(First Name) (Middle Name) (Last Name)

Name of the Father/spouse: Mr. _____

Name of the mother: Ms. _____

Class: _____ Div: _____ Roll No: _____ PRN (SPPU) : _____

Subjects:

Certificate course: _____

Blood group: _____ Aadhar card No: _____ PAN card No: _____

Date of birth: _____ Hostel accommodation- Yes/No _____

Mobile Number: _____ Parents/guardians mobile number: _____

Students email id: _____

Local Address: _____ **Permanent Address:** _____

Proficiency: Extra - Curricular Activities: _____

Activities: _____

Sports: _____

My strengths: _____

My weakness: _____

My Achievements: _____

My Career/goal: _____

Date & Sign of the student

Sign & Stamp of Principal/Vice-Principal/HOD



EXAMINATION RECORD FIRST TERM / SEMESTER

Sr. No	Semester	Examination	Seat No	Dates	Subject	Attendance	Passing Marks	Marks obtained	Result	%
1		Internal								
2		University								

SECOND TERM / SEMESTER

Sr. No	Semester	Examination	Seat No	Dates	Subject	Attendance	Passing Marks	Marks obtained	Result	%
1		Internal								
2		University								



Activities, Programs and Facilities to foster the goals and objectives:

1. Online Admissions to all programs based on merit with social justice and transparency.
2. Meticulous planning and implementation of University structured curriculum, academic flexibility with choice based credit system and incessant curriculum enrichment programs.
3. Continuous and Comprehensive Evaluation system including innovative, inclusive and remedial assessments in all the courses offered.
4. Personality development programs rendered thorough co-curricular and extracurricular activities to meet the global competency.
5. Civic and Social Sensitization and liability though N.S.S and extension programs.
6. Student support facilities like hostels, cafeteria, mess, entertainment, banking, pharmacy, health center, stationary and reprography.
7. Sports Facility through world class equipped Gymnasia for girls and boys, playground and special courts for all sports, trainings by special coaches.
8. Library with exhaustive book collection, round the clock available special reading rooms, ICT enabled, e-library facility supporting OPAC, N-List, Inflibnet, shod-ganga etc.
9. Well equipped, advanced instrumentation supported laboratories aided by highly motivated, self-driven, faculty with expertise in teaching, research and extension.
10. On campus placement drives, skill development courses, HOTs, MOOCs, MOU and collaborations with Colleges, industry, institutes and NGOs .
11. Research promotion with central facility, Incubation center, major, minor research projects funded by DBT, DST, Star college, SPPU BCUD and executed through nanotech, analytical lab, Genomics, proteomics, environment, biochemistry, PTC, ATC, Immunology, Virology, Bioinformatics laboratories, polyhouses, bioprocessing unit, organic composting unit, vermiculture, sericulture, apiculture and aquaculture demo units.
12. Anti - ragging, sexual harassment prevention, grievance redressal cell, counseling center, Discipline, gymkhana, arts circle, commerce circle, Science association, Student welfare schemes, scholarships, alumni association, merit awards, Wi-Fi connectivity, ICT facilitating classrooms, green luscious sprawling campus with ecofriendly practices are the ancillary support for students

Office Bearers		
1.	Dr. Bharat Shinde	Principal
2.	Dr. Shamrao Ghadge	Vice- Principal (Arts and Commerce)
3.	Dr. Lalasaheb Kashid	Vice –Principal (Science)
4.	Mr. Vijay Rasal	Registrar
5.	Mr. Sadanand Pawar	Office Superintendent





From the Principal's Desk

Education is the most outreach field amongst all the sectors of the society. This is the strongest pillar for the foundation of the society. The genesis of scientists, philosophers, doctors, engineers, prime-minister, president, poet, writer and teacher is all through education. The essence of education lies in learning every moment of life, experiencing and marching towards the building of a strong truthful society. Education sharpens the intellect and inculcates morals and ethics for overall personality development of the students. It also creates responsible citizens and enlightens with the brightness of knowledge.

Vidya Pratishthan is a pivotal in imparting world class education from 45 years in the rural background of Baramati and is a pioneering reputed institution in India. The organization is led by the true leadership of the management Hon. Shri. Sharadchandrajee Pawar. His visions are implemented by Hon. Ajitdada Pawar, Hon. Smt. Supriyatai Sule, Hon. Smt. Sunetravahini Pawar and all other members of executive committee.

The College provides education in faculties of Arts, Commerce and Science leading up to Bachelor's, Master's and Ph. D. degrees. The experienced and enthusiastic team of our teachers is always keen to help and guide the students to achieve the highest standard of performance.

The past students of VPASC college working at higher positions in various fields of the society and even overseas often visit this esteemed college and play a key role to encourage, motivate and guide our present students. I am sure that every student of Vidya Pratishthan will strive to be a role model in the Society.



Dr. Bharat Shinde

Principal

Vidya Pratishthan at a glance ...

Vidya Pratishthan is a name fondly synonymous with education in all its myriad forms and academic aspects. Right since its inception in 1972, the Institution has majestically scaled the ladder of success with profundity that aptly reflects its commitment to accord educational facilities to all sections of society. Duly realizing the absolute necessity of providing class education to the kith and kin of farmers, labourers and villagers, Vidya Pratishthan took it upon itself the need based endeavour of making education accessible to the poor and the deserving. Backed by the illustrious visionary, Hon. Shri. Sharadchandraji Pawar and indomitable leader, Hon. Shri. Ajitdada Pawar with experienced guidance by the members of the Management Committee; the Pratishthan ushered in an era of imparting general as well as Technical Education through the Institutions, which are captained by illustrious personalities in their respective fields.

With a sprawling campus of 156 acres, the Pratishthan houses 25 Institutions, where more than 23,000 students are nurtured daily to turn them into the dearest citizens of the nation and sought after persons to the world of Knowledge. The dry, desolate and rocky landmass once upon a time has been turned into an artistically carved out landscape that creates just the right aura and decor of the Academia. Ultra modern hostels cater to the need of cozy, comfortable and spacious accommodation for the students, while plush residential quarters are provided to the teaching and non-teaching staff. In a nutshell, it is sheer grandeur blended with aesthetic sophistication that makes Vidya Pratishthan, a truly class Educational Institution with a touch of magnificence in all its fields. The campus has seen great stalwart visitors like Prime minister, president, world renowned sports persons, industrialists, musicians, scientists, Famous artists, singers, social activists, motivational speakers and Educationalists.

HIGHLIGHTS:

1. Industry trainings, personality development workshops, International Symposia, State level workshops, National Conferences, faculty improvement programs, guest lectures, skill based trainings.
2. Placement drives catalyzed through Central Placement Office for reputed companies like EMCURE, Serum Institute, Cipla, Wochardt, Lupin Biopharmaceuticals, INF farms, Reliance Life solutions...
3. MOU and Colloborations with Glenmark, NIASM, CMET, NCL, Nandan diary, Baramati Agro distillery, T.C. college, Mayas Fragrances Ltd., Bharat Forge India Ltd., Krishivigyan Kendra.
4. Research projects on socio-scientific perspectives, with Publications in reputed research journals and prize winning Avishkar Projects.
5. Scholarships (Insire, KVPY, Lilapoonawala, Sahara, Single girl child, Eklavya, Govt., Pawar Charitable Trust), cultural extravaganza (gen-ger, Sanskrutik Dindi, Mrudugandh, Sanskrutik Saptah).
6. National and International days celebration (Science day, Yuva Divas, Kranti Divas, Saksharata Divas, Jagtik Mahila Din, Paryavaran Divas, Jagtik Loksankya Divas, Samvidan Divas)



Instructions for On-line Admission and Fee Structure:

All the admission are on-line. The instructions are as follows:

- The student has to register through the college website: ***www.vpasccollege.edu.in*** for the admission.
- The student has to provide the details of ***Birth Date, Mobile No. and E-mail Id*** along with the ***code on the front page of the student handbook***.
- After registration, the student will receive an **OTP** on his/her registered mobile. The same OTP can be used to login.
- The student can login with the password and fill up the **merit form**.
- The merit application form is compulsory for admission.
- The **merit lists** for the courses is displayed on the **website**.
- The short listed students from the merit list are allowed to fill up the online admission form as per the instructions.
- After completing the above procedure, the student has to take the print of Admission form and Fee Challan.
- Now the student has to submit the Online admission form, fee Challan, two true copies of marks list, caste certificate, caste validity certificate and LC/ TC with a passport photo at the Bank Counter in the College.

Note: The fee structure is displayed on the website as per the university instructions and with availability of fee concessions as per the Govt. of Maharashtra rules and guidelines. The scholarships schemes can be availed by students during the admission.

Document check memo during admission for form submission:

1. L.C./T.C original and photocopies (2)
2. Marks statement (2 copies)
3. Caste certificate, Caste validity certificate (photocopies)
4. University eligibility form
5. Scholarship form
6. E.B.C enrollment no.
7. Non-creamy layer certificate
8. Migration certificate (other than Maharashtra state)

Instructions for the Hand book Usage:

1. Student must carry handbook and College Identity card every day to the college.
2. Students should fill the following details along with college authorities
 - a. College fees, b. Examination fees c. Scholarships/freeships, d. Bus/train/other concession,
 - e. College Magazine receipt, f. Journal receipt, h. Document record, i. admission form
3. Student must submit the following details before applying for examinations
 - a. Attendance record b. Leave record c. Examination record d. Feed back form
4. Please provide impartial and thoughtfully feedback about teaching and other facilities on the campus and academics.



Department wise course details:

Department

Computer Sciences

Department Profile

The department offers B.Sc. and M.Sc. Computer Science, B.C.A. (Science) and B.B.A. (Computer Application) courses. Well equipped laboratories, a highly motivated and qualified staff, consistently good academic results are the highlights of our workouts.

Apart from teaching activities, giving an emphasis on sports, trekking, cultural activities and arranging an excursion is our tradition.

A special thrust is laid upon overall personality of the student through well organized social, cultural, co-curricular and well planned industrial interactions / placements.

The specialty of the department is that 'the majority of the alumni are employed and self-employed in foreign countries like Australia, US, UK, Japan etc'.

Courses offered:

Course Name	Intake	Duration	Eligibility
B.Sc. Computer Science	160	3 years	Passed H.S.C. Exam. in Science With Mathematics/ Diploma in Engg.
M.Sc. Computer Science	30	2 Years (4 Semesters) Inclusive of Industrial Training	Passed B.Sc. degree with Computer science as principal subject from Recognized University
B.C.A. (Science)	80	3 years (Credit System)	Passed H.S.C. exam in Science/ Diploma in Engg.
B.B.A. (Computer Application) under Commerce Faculty	80	3 years	Passed H.S.C. exam Diploma in Engg.

Infrastructure and other support facility :

The department is equipped with spacious laboratories, with LAN connectivity, Wi-Fi, reprographic facility and audiovisual lecture halls. It is installed with 200 P.C.s with the required licensed software installed with every system.

It takes the responsibility of all online admission procedures for the entire college. It maintains the Record of the ICT facility of the entire college meticulously. It technically supports the AMC for the ICT facility at the campus. It has collaboration with Dreams Ultimate Solutions, Micro care Computers Ltd., Sterlings pvt. Ltd. For training and projects.



Department

Biotechnology

Department Profile:

The Department established in 1999 is pioneer in offering courses like B.Sc (Biotechnology), M.Sc (Biotechnology) and B.Sc (Applied Biotechnology). it has been consistently attracting meritorious students from across the country. Its location in VSBT, the pioneering research institute ranked 2nd best among private institutes is the crux in the implementation of the courses with world class infrastructure, research focused teaching, dedicated faculty culminated into an unique quorum of scientists, project assistants and teachers. A very high GER, 100% Placement record, 100% career upgradation to higher studies, All India complete exam rankers, merit and other scholarship awardees consistently prove the high student standards.

It is supported with world class infrastructure, advanced instrumentation, NABL accredited specially designed labs with major and minor research projects funded by BCUD, SPPU, DBT, DST, GOI etc. Linkages with other institutes, university and industry has catalyzed several skill based Programs, certificate courses, industry trainings, placements. Exhaustive social and extension activities are executed to amalgamate studies with society.

Courses :

Course Name	Intake	Duration	Eligibility
B.Sc. Biotechnology	50	3 years	10+2 with 60% in PCMB/ PCB
M.Sc. Biotechnology	24	2 Years (4 Semesters)	B.Sc in Biotechnology

Infrastructural facilities:

Aseparate building has been constructed consisting of laboratories, Library, Conference Hall, Exhibition Hall, Administrative Block, Classrooms, Staff Rooms, and Assembly Hall. The total area of the building is 40,000sq. ft.State-of-the-artinfrastructure with respective laboratories for Molecular Biology, Tissue Culture, Microbiology, Biochemistry, Cell Preservation, Basic Sciences and Bioinformatics.

Laboratories:

Microbiology laboratory, Molecularbiology lab, Plant tissue culture laboratory, Animal tissue culture lab, Bioinformatics laboratory, Biochemistry laboratory, Environmental Science laboratory, Proteomics Laboratory, Downstream processing Laboratory, Bio-nano technology lab.



Department

Chemistry

Departmental Profile:

The Department of Chemistry is established in 1996-97, runs undergraduate B.Sc. and postgraduate M.Sc. (Analytical chemistry) programme for avid learners of science stream. Our Postgraduate Department is funded by DST FIST since 2015. The department has various sophisticated equipments such as FTIR, HPLC, UV/Vis spectrophotometer and polarography. Our faculty members are highly qualified; most of them hold Ph.D. degree. They have also completed research projects funded by various national funding agencies such as UGC, DST, and BCUD etc.

The importance is given to co-curricular and extracurricular activities. Number of our regular, some innovative activities such as Chemiad, Avishkar, Poster presentation competition, Seminars, workshops, guest lectures and industrial visits are arranged to promote scientific awareness among chemistry students. The department also organizes the campus placement campaigns for PG and UG students and many students have got the job opportunities in various multinational companies.

Courses :

Course Name	Intake	Duration	Eligibility
M.Sc (Analytical chemistry)	24	2 years	B.Sc. chemistry

Infrastructure and achievements:

The department is well equipped with spacious 4 laboratories for analytical-physical, inorganic, organic and general labs with air conditioned cubicles, balance room, stores room and preparation room. These are supported with advanced instrumentation like HPLC Flexar Quaternary LC Pump, UV/VIS Spectrophotometer, FTIR spectrophotometer, Polarograph, Photo Reactor, and Flame Photometer. The department is instrumental in carrying out contract research activities as soil testing, water analysis, pesticide analysis, and structural analysis of chemical compounds.

It organized national science day every year with programs related to scientific awareness on blind faiths in the society through projects, skits, exhibitions and chart presentations. It also organizes chemiad, science quiz, avishkar projects, M.Sc projects with industrial perspective as the base and educational tours.

Miss Ashwini Wadekar, Mr. Atul Dhavan in UG and Mr. Atul Malwadkar in M.Sc. Analytical chemistry achieved 1st rank amongst all successful candidates of Savitribai Phule Pune University, Pune.

Mrs Ulka Sawant won the first prize in lecture competition at Ahmednagar College,

Miss. Isha Girme won the third prize in national conference at TC college Baramati

**Department****Microbiology****Department Profile:**

The Department of Microbiology is established in 1994-95 affiliated to Savitribai Phule Pune University. It is offering Bachelors course in Microbiology Since 1996-97. The Credit and Choice based Masters (since 2009-10) Program in Microbiology is conceptualized in collaboration with V.S.B.T. The credit course of Human rights and Cyber security of M.Sc II is offered in collaboration with Vasant Rao Pawar Law College, Baramati. The Department of Microbiology is one of the co-ordinating Department of Star College program funded by D.B.T. since 2009-10 which has received an extension of 2+3 years. The PG Department has also received DST-FIST status in 2015-16.

The Department nurtures critical thinking, creativity and scientific temper among the students to transform them into innovators. It has successfully put thrust in the student strength, Annual Results, cut-Off percentage, Interdisciplinary Programs, Interdepartmental interaction which have seen striking rise since its establishment. The efforts led to Placements, excellence at university and competitive exams at national and regional level. This has attracted the meritorious students of other universities.

The Department has nourished the talent amongst students through need based and enriched Infrastructure for multiple users, e-Library facility, Academic excellence, Research, Extension, Competence and Placements. The Department has foreseen the futuristic needs of collaborative programs aiming at skill development and has taken efforts through Guest Lectures, innovative practices, Video Conferencing Lectures, Hands-On- Training Programs, Certificate courses, MOOCs, webinars and podcasts, Virtual Laboratories, Workshops, Industry Visits, Industry Expo, Educational Tours, participation at Indian Science congress, State and National Level Conferences, Research Projects, Summer training Programs, Ready to Use Manuals, alumni interaction, Gender, Pathshala, Seminars, Group discussions, Book Review, Scientific Review writing, exploring through IPR, food safety, Bioinformatics and Biostatistics tools.

It has theme based Laboratories, training units, demonstration units, workstations and platforms. It offers Evaluation Schemes such as Open book test, Home Assignments, Seminars, Group discussion, Surveys, Industry Visit Report writing, Scientific paper writing, Project Work, and presentations, Tutorials, MicrobiOlympiad, Microbiological Contest and quiz.

Course Name	Intake	Duration	Eligibility
M.Sc. Microbiology	24	2 years	B.Sc. Microbiology

Note: subject codes can be downloaded from www.unipune.ernet.in or www.vpasccollege.edu.in.

Infrastructure and achievements:

The department is well equipped with spacious 3 laboratories for general microbiology, molecular biology and biochemistry supported with audiovisual facilitated lecture halls, separate departmental library, preparation and sterilization room. It has advanced instrumentation like

The department is well equipped with spacious 4 laboratories UV visible spectrophotometer, Laminar air flow cabinet, microcentrifuge, BOD incubator, clean air unit, fermenter, UV transilluminator, Phase contrast microscope, trinocular microscope, Anaerobic chamber, autoclaves, molecular biology apparatus and others. The labs are facilitated with centralized gas connection with bio-CNG alternative. It has a microbial culture collection center of bacterial, fungal and algal cultures. It collaborates with VSBT for trainings, workshops and has the privilege of using the bioprocessing unit, biofertilizer unit, green houses and other facility.

Department is the recipient of one patent, 120 publications and presentations, Star college, DST -FIST, major and minor research project funding created a strong research base and with several student achievements as follows:

- Mr. Ajay Kharat got 3rd Rank at T.Y. B.Sc. Microbiology Exams, 2014-15 for Savitribai Phule Pune University.
- Mr. Shirishkumar Waghmare, Alumni got 25th Rank at JMFC (Judicial Magistrate First Class) and CJJD (Civil Judge Junior Division) EXAM 2015



- Mr. Ajay Kharat isqualified for Joint Entrance Examination for Integrated Ph. D In Biological Sciences in India (JEEBILS), for Interview for the Integrated Ph.D in IISER, Pune., for integrated M.Scprogramme of TIFR (Tata Institute of Fundamental Research).
- Ist Ranker-Mr. Nikhil Shinde, F.Y. B.Sc.at 16th State Level Microbiological contest 2016-17 organized by R. C. Patel College, Shirpur on 9th January, 2017
- Stood 6th as a team at State Level MicrbioOlympiad2016-17 at R. C. Patel College, Shirpur- Mr. Nikhil Shinde, F.Y. B.Sc. Ms. Mrunal Ratnaparakhi, F.Y. B.Sc., Mr. Sumit Shinde F.Y. B. Sc.

Department

Zoology

Department Profile:

The Department of Zoology is established in academic year 2005-06. The Department of Zoology offers Graduate and Post Graduate courses leading to M.Sc. degree (Specialization Animal Physiology). In last 10 years, the department has made its identity in the frontier areas of Life Sciences and now it has developed into a full-fledged centre of teaching and research in modern biology.

Highlights of Department:

- The department was established in 1994 and specialization at T.Y level was started in 2005-2006.
- The department has established a bio-fertilizer unit in 2000 for the solid waste management of the campus.
- Vermiculture and Vermicomposting Certificate course was started by the department to create eco-friendly environment and awareness among the students.
- The department had organized the blood group and hemoglobin checking camp every year for the students.
- BCUD, University of Pune and UGC had sanctioned the 2 minor research projects.
- The department had organized a National Symposium.
- Mr. Hrishikesh Mangi (2006 – 07): 4th rank in Pune University merit list and 3rd rank in college merit List.
- Miss. Mayuri Patil (2009 – 10): 3th rank in Pune University merit listand 1st rank in college merit List.
- Wild life week Celebration through Poster and Petal art competition.
- Workshop on Histological and preservation Techniques in Zoology.
- Students participated in AVISHKAR Competition organized by University of Pune.

TITLE OF COURSE:

Sr. No.	Title of Course	Duration	Eligibility	Specialization
1	M.Sc. Zoology	2 Years	B.Sc in Zoology Biotechnology, Microbiology, Biology, Biochemistry	Animal Physiology

INFRASTRUCTURE / FACILITIES AVAILABLE

- ICT Supported Research Laboratory.
- Zooplankton Culture Laboratory.
- **Microscopy:** Availability of various types of microscopes such as binocular with camera attachment dissecting Microscope,.
- **Histology and Histochemistry:** Leica Microtome, Hot plate, Hot air Oven
- **Molecular Biology:** Electrophoresis unit, Centrifuge, UV Trans illuminator, Minispin, Micropipettes.
- **Microbiology:** Laminar Airflow, Incubator, Autoclave, Micropipettes, Centrifuge, Colorimeter.
- **Phytochemistry:** Oven, Soxhlet extractor, Spectrophotometer, Colorimeter

**Department****Physics****Departmental Profile:**

Located on the lovely campus of Vidya Pratishthan Institute, Vidyanagari, Baramati, the Department of Physics started its activity in 1994 and there is no looking back since then. It offers courses at the Undergraduate and Post-graduate levels. Physics as principal subject was started from June 1997.

The department offers a two-year M.Sc. program in 2016 which involves pursuing a one-year research project in addition to usual coursework. By offering Physics as a one of the Special Subject for Undergraduate Level, the department stands focused to its ideals in imparting knowledge and preparing students towards achieving academic excellence through the acquisition of core Physics with Research relevance. The department has a long standing history of excellence in teaching and research. The Undergraduate centre offers Material Science, Nanotechnology as elective courses at UG level. The Post-Graduate centre offers Thin film, Energy Studies, Material Science and Nano technology as elective courses at PG level.

The areas of research interests and expertise spans a wide range including Material Science, Nanotechnology, Atomic and Molecular Physics, Condensed Matter Physics, etc. covering both theoretical and experimental aspects. Faculty members are actively involved in the syllabus framing and restructuring at the University level for both the undergraduate and postgraduate levels. The faculty is also very active in extension programmes, in reaching out to students. The faculty members of the department are also involved in several sponsored research and industrial consultancy projects.

Well equipped Laboratories, Departmental Library with sufficient numbers of reference books and research journals, a reading hall, Computer lab with Internet facility, Research lab and all other supports are provided to the students to make the subject interesting.

Title of the Course - M.Sc. Physics

This is a two year integrated degree course leading to M.Sc. Physics, under Savitribai Phule Pune University (SPPU).

Course Name	Intake	Duration	Eligibility
M.Sc.	24	2 Years	B.Sc. degree with Physics as principal subject or BE/B. Tech of any branch. with minimum 55% marks.

Infrastructure/Facilities available :

- List of Research Equipments procured through various funding agencies: Thin film Material Synthesis: Automated Spray Pyrolysis Unit, Chemical Bath Deposition, CVD set up, Electro Deposition, Electro chemical energy station.
- Nano Material Synthesis and Characterization Equipments-
- High Speed Cooling Centrifuge, Chemical synthesis setup, High Precision pH Meter, Electrical Oven for Drying, UV-VIS, FTIR, Spectrophotometer Spin Coating set up Resistivity Unit, PEC Set up, High temperature Vacuum furnace, Thermo Electric Power Unit, Binocular Microscope with Camera, High temperature furnace, Thermo Electric Power Unit, Super Capacitor Characterization Unit etc.
- Major Instruments/Equipments - Ultrasonic Cleaner, Micro-balance, G.M. Counter, Michelson Interferometer, Feby-parot etalon, Magnetic Susceptibility Unit, Millikons oil drop method Cathode Ray Oscilloscope, Signal Generator, Muffle furnace, Spectrometer, Telescope, Power Supply Dual, Laser, Optical bench, etc.



Placements:

The college has a special placement officer who looks into the placements of all the courses in communication with the centralized placement cell of the institution. It maintains the record of all the students and conducts campus interviews regularly for all the P.G courses. The departments are instrumental in arranging for campus placements on and off campus with several reputed companies like with Dreams Ultimate Solutions, Micro care Computers Ltd., Sterlings pvt. Ltd. Hickel Ltd., alkyl amines, Serum Institute, Emcure, Cipla, wochardt, Lupin , Dynamix, INI farms, Imsoeffe, Nandan Dairy. Etc. It has signed MOUs with T.C. College, Mayas Fragrances, NIASM, Glenmark ,Rui gramin , Indian red cross society blood bank, baramati.

The Biotechnology Programme has successfully raised the bar of 100% placement for the current year batch. The Campus Recruitment Programme at VPASCC gives an opportunity to showcase a plethora of talent to the corporate and research world and for the companies to reiterate their confidence in recruiting from our institute.

Other contributing activities towards enhancement of placements:

- Special Guidance and briefing for different entrance exams for M. Sc. and Ph.D. ,GRE, TOEFL, JAM for students who wish to pursue higher education abroad
- Providing regular information on job openings and vacancies through display of Advertisements on the notice boards, e-mails and personal contacts.
- Involving students in contemporary research and findings on news Display Board. Recommendation for Internship program during vacations
- An Alumni association stay connected and enrich learning through guest lectures, Provide career counselling, training and support in placements.
- Students join post-graduate programs of Universities and they also have been selected in Graduate school of TIFR, and Integrated Ph.D.programme in IISc., BARC etc
- Students interested in teaching and research is trained in NET and SET exams and other related competitive exams.





TOPPERS

F.Y.B.C.S



**Bhosale Tejashri
Ashok**
Marks - 93.83%

S.Y.B.C.S



**Mande Prajakta
Dattatray**
Marks - 82.00%

T.Y.B.C.S



**Bhosale Suraj
Rajendra**
Marks - 80.25%

M.Sc-I (Comp. Science)



**Bhoyate Snehal
Tatyasaheb**
Marks - 73.5%

M.Sc-II (Comp. Science)



**Dhumal Snehal
Avinash**
Marks - 80.00%

F.Y.B.Sc (Biotech)



**Khanzode Renuka
Aniruddha**
Marks - 81.33%

S.Y.B.Sc (Biotech)



**Doshi Pratik
Ravindra**
Marks - 79.10%

T.Y.B.Sc (Biotech)



**Kakade Aishwarya
Arun**
Marks - 76.85%

M.Sc Biotechnology I



**Mahadik Varsha
Arun**
Marks - 80.00%

M.Sc Biotechnology - II



**Birajdar Pallavi
Arun**
Marks - 75.8%

**M.Sc-I (Analytical
Chemistry)**



Choudhar Jyoti K.
Marks - 73.00%

**M.Sc-II (Analytical
Chemistry)**



Korade Swati D.
Marks - 75.41%

M.SC Microbiology I



Mane Sneha
Marks - 79.8%

M.Sc Microbiology II



Sathe Priti
Marks - 70.70%



Academic Calendar for the Year (2017-18)

Month	Activites
June	<ul style="list-style-type: none"> • 1st Term Commencement • U.G. enrollement • Department wise Curriculum Discussion • UG course Induction • Department wise orientation • International Yoga Day • World Environment Day
July	<ul style="list-style-type: none"> • P.G. enrollment. • Identity card Camp • P.G. Program induction • Student Orientation for college committees • Implementation of committee activities • N.S.S. Volunteer enrollment • Implementing Bridge Courses • Implementation of personality development programs • Medical checkup camp and Blood group and Anemia checking camp
August	<ul style="list-style-type: none"> • Freshers Welcome events • Student Motivation for Sports • Independence Day • Certificate course and Skill development programs
September	<ul style="list-style-type: none"> • Internal Assessment • Teachers Day • N.S.S. Day • Intercollegiate sports events • Remedial teaching • Hindi day
October	<ul style="list-style-type: none"> • Alumni Meet • Cleanliness Drive of NSS • PTA Meet • Wild Life Week celebration • 16th Oct- Foundation Day of Vidya Pratishthan • Botanical Exhibition-Biodiversity of KASS Plateau • University Examinations • Winter school Programs • Avishkar Proj
November	<ul style="list-style-type: none"> • Diwali vacation • IInd term commencement • IInd Term instruction begins • Internal and University Examinations • Constitution Day



ATTENDANCE RECORD OF THE STUDENT 2017-18 TERM I & II

16



RECORD OF REFUND AND OTHER ITEMS 20 - 20

Particulars	Remarks	Signature of concerned Clerk
Refund of Fees		
Receipt of Fees		
Scholarship Form		
Nature of Scholarship		
Issue of Railway/ST Concession		
Central Library		
Departmental Library		
No Dues Stamp		
Item Issued		
Identity card		
Magazine		
Bonafide Issued		
Library Deposit		
Hostel Deposit		
Mess Fees		
University Exam Form		
Journal		

FEE CHALLANS

Name : _____

Class _____ Division _____ Roll No. : _____

Paying of Fee _____

(Paste your fee's Challan Student's Copy)



Student Support Facilities



Play Ground



Ga. Di. Ma. Hall



Hostel



Parking



Guest Hostel



Community Center



Ga. Di. Ma. Hall



Ga. Di. Ma. Hall



Infrastructure and Facility



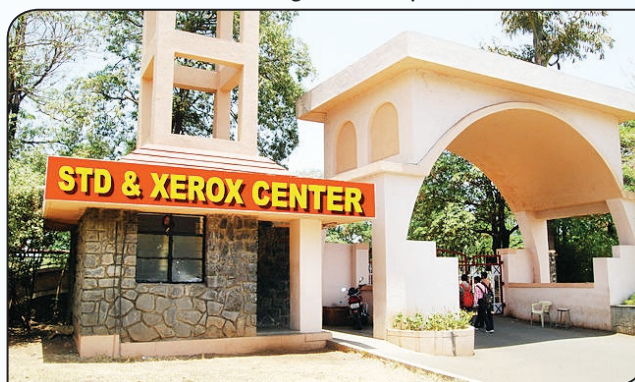
Library



Reading Hall (Boys)



Gymnasium



STD and Xerox Center



Boys Hostel



Reading Hall (Girls)



Cafeteria



Girls Hostel



नियमावली

- महाराष्ट्र शासन, पुणे विद्यापीठ व विद्या प्रतिष्ठान संस्थेच्या कला, विज्ञान व वाणिज्य महाविद्यालयाच्या प्रवेशाबाबतच्या नियमांचे मी काटेकोरपणे पालन करीन.
- महाराष्ट्र शासन व विद्यापीठाच्या नियमानुसार वर्गातील आवश्यक असणाऱ्या हजेरीचे नियम व अटी मला ज्ञात असून हजेरीचे प्रमाण कमी भरल्यास होणाऱ्या शैक्षणिक नुकसानीस मी स्वतः जबाबदार असेन.
- महाविद्यालयातील प्राध्यापकांशी व प्राध्यापकेतर सेवकांशी मी सुसंस्कृतपणे वर्तन करीन.
- विद्यापीठाच्या व महाविद्यालयाच्या परीक्षांच्या नियमांचे मी कटाक्षाने पालन करीन.
- महाविद्यालयाच्या ग्रंथालयातील व क्रीडा विभागातील नियमांचे मी जाणीवपूर्वक पालन करीन.
- संस्थेच्या व पर्यायाने महाविद्यालयाच्या सुंदर परिसराची स्वच्छता राहील याची मी खबरदारी घेईन.
- महाविद्यालयाच्या परिसरात गटागटाने हिंडणे, अयोग्य ठिकाणी बसणे, वेळ वाया घालविणे इ. बाबी मी कटाक्षाने टाळेन.
- महाविद्यालयाच्या परिसरातील तसेच वसतिगृहातील माझे वर्तन शिस्तबद्ध असेल व विद्या प्रतिष्ठान संस्थेचा विद्यार्थी म्हणून मी सर्वत्र जबाबदारीने वागेन.
- महाविद्यालयाच्या आवारांत व आवाराबाहेर कोठेही मी कसलेच व्यसन करणार नाही.
- ओळखपत्राशिवाय मी महाविद्यालयाच्या आवारात प्रवेश करणार नाही.
- माझे स्वयंचलित वाहन ठरवून दिलेल्या वाहन तळावरच माझ्या स्वतःच्या जबाबदारीवर लावेन.
- प्रवेश अर्जावर दिलेला माझा संपर्क मी बदलल्यास त्याची माहिती मी त्वरीत महाविद्यालयास देईन.
- महाराष्ट्र शासन/पुणे विद्यापीठाच्या आदेश क्रमांक पी.जी.एस./५४२, दिनांक १७/०२/२०११ नुसार घेतलेला प्रवेश १० दिवसाच्या आत रद्द केल्यास २० % फी कपात, ३० दिवसाच्या आत प्रवेश रद्द केल्यास ४० % कपात व ३० दिवसानंतर कोणत्याही सबबीवर फी परत मिळणार नाही याची मला पूर्ण कल्पना आहे.
- रॅगिंग रोखण्यासाठी मा. सर्वोच्च न्यायालयाने दिलेल्या निर्देशानुसार रॅगिंगच्या व्याख्येत जी कृती बसते, ती मी करणार नाही. कुणालाही शारीरिक किंवा मानसिक त्रास देणार नाही. रॅगिंग विषयीची तक्रार आल्यास किंवा कोणत्याही प्रकारचे गैरवर्तन माझ्याकडून झाल्यास नियमानुसार माझ्यावर कारवाई होईल, याची मला व माझ्या पालकांना संपूर्ण जाणीव आहे.
- माझी कोणत्याही प्रकारची अडचण असल्यास मी मा. प्राचार्य / मा. उपप्राचार्यांशी संपर्क साधेन.
- वरील प्रमाणे सर्व नियम आम्ही प्रवेश घेण्यापूर्वी काळजीपूर्वक वाचले असून ते सर्व नियम आम्हाला मान्य आहेत. त्या नियमांचे तंतोतंत पालन होईल अशी आम्ही लेखी हमी देतो.

विद्यार्थी / विद्यार्थिनी

पालकांचे / वडीलांचे

नांव व स्वाक्षरी :

नाव व स्वाक्षरी :

मोबाईल नंबर :

मोबाईल नंबर :



Undertaking by the Student and Guardian/Parent

1. I, (Name of the Students full).....

S/o. D/o of Mr. / Mrs. / Ms. /Transgender.....

have carefully read and fully understood the law prohibiting ragging and the directions of the Supreme Court and the Central / State Government in this regard.

2. I hereby undertake that:

- I will not indulge in any behavior or act that may come under the definition of ragging,
- I will not participate in or abet or propagate ragging in any form,
- I will not hurt anyone physically or psychologically or cause any other harm.

3. I hereby agree that if found guilty of any aspect of ragging, I may be punished as per the provisions of the rule no.5, University Of Pune Circular dated 15/5/12 or as per the law in force.

4. I hereby affirm that I have not been expelled or debarred from admission by any institution.

I, (Name of the guardian/Parent)

F/o, M/o, G/o

have carefully read and fully understood the law prohibiting ragging and the directions of the Supreme Court and the Central / State Government in this regard as well as University Of Pune Ragging Prevention Directives (Ref.No. 211-12/876) dated 15/5/2012.

1. I assure you that my son / daughter / ward will not indulge in any act of ragging.

2. I hereby agree that if he/ she is found guilty of any aspect of ragging, he /she may be punished as per the provisions of UGC/UOP Regulations mentioned above and / or as per the law in force.

Date :

Signature of Students

Signature of Parent /guardian

Email:

Mob. No.

Mob. No.

Address:

Address:

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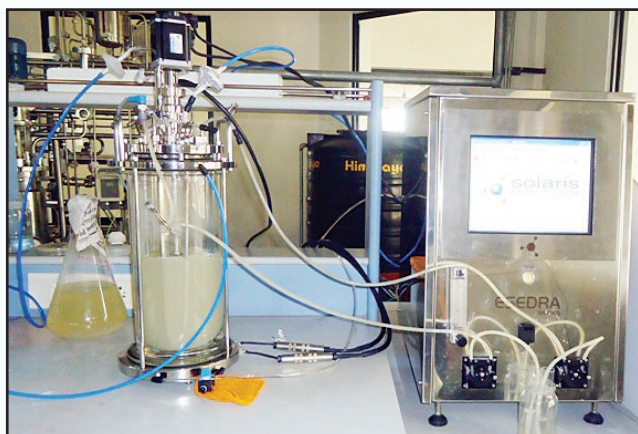
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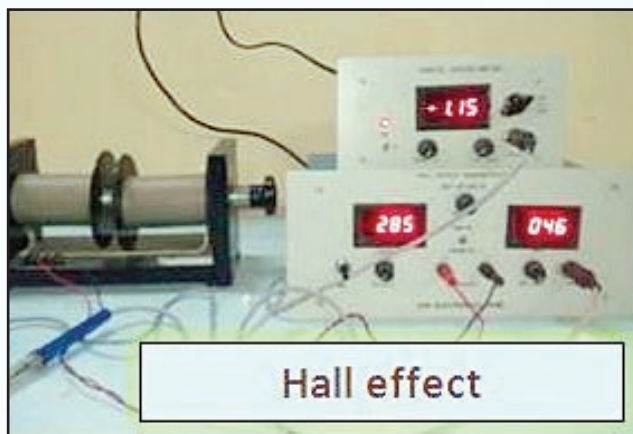
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LABORATORY FACILITY



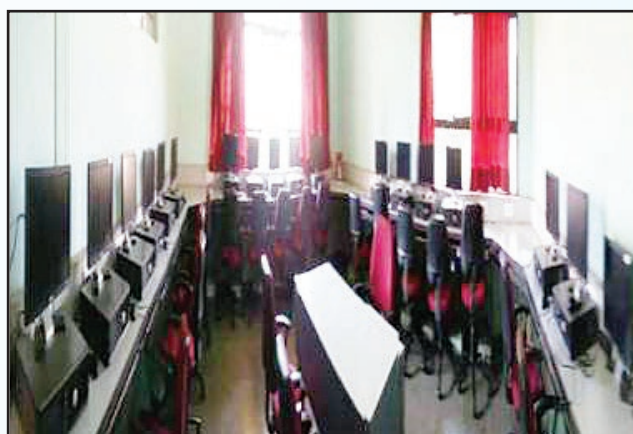
Fermenter



Halls Photometer



HPLC System



Computer Lab



Sterilization Facility



Trinocular Microscope (labo)



STUDENT FEEDBACK FORM

ACADEMIC YEAR 20 - 20

TERM - II

Class :

Date :

Introduction : Please rate Teachers on following criteria using ten Point Scale as shown below. Students are advised to fill this feedback form seriously. Your feedback is valuable which will improve teaching of teachers.

Grade	'A' Outstanding	'B' Very Good	'C' Good	'D' Satisfactory	'E' Unsatisfactory
Ten Point Scale	9 - 10	7 - 9	5 - 7	4 - 5	0 - 4

Important Criteria :

1. Subject Knowledge of a Teacher.
2. Effective communication Skills.
3. Sincerity and Punctuality of a Teacher.
4. Resourcefulness of content and response to the queries by students.
5. Accessibility and Availability of a Teacher in and outside the classroom students.

Name of Teacher	Paper	Subject Knowledge	Communication Skills	Sincerity & Punctuality	Resourcefulness & Response to the Queries	Accessibility & Availability

Any other Suggestions :

.....

.....

.....



TIME TABLE- 2017-18

(THEORY AND PRACTICAL) FIRST TERM / SEMESTER I

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

SECOND TERM / SEMESTER II

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday

COLLEGE STAFF LIST

Department of Computer Science		
Sr. No.	Name of the Faculty	Qualification
1	Prof. Joshi G. R, Head.	M.Sc. Computer Science (SET)
2	Prof. Dhane K.V. (BCA (Science) Coordinator)	M.C.S., M.Phil, (NET)
3	Prof. Kudale G.A.	M.C.S., M.Phil, (NET)
4	Prof. Sangvikar J.A. (PG Coordinator)	M.Sc. Computer Science, B.Ed., M.Phil, (NET)
5	Prof. Pawar M.D. (BBA (Comp. Appl.) Coordinator)	M.C.S., M.Phil, (NET)
6	Prof. Madhure N. P.	M.Sc. Statistics, M.Phil, SET
7	Prof. Kolapkar M. M.	M.Sc. Elect. M.Phil. SET
8	Prof. Nikale S. B.	M.Sc. Elect. M.Phil. SET
9	Prof. Gaware K. V.	M.Sc. Maths
10	Prof. Ms. Malshikare	M.Sc. Maths, SET
Department of Biotechnology		
Sr. No.	Name	Qualification
1	Dr. Rajesh Sharma, Head	M.Sc, M.Phil, Ph.D., SET
2	Dr. Tushar Borse (PG Coordinator)	M.Sc.Ph.D
3	Dr. Kalpana Chandramore	M.Sc.Ph.D., NET
Department of Chemistry		
Sr. No.	Name of the Faculty	Qualification
1	Dr.Lalasaheb M.Kashid, Head	M.Sc., M. Phil., Ph.D.
2	Prof. Chandrasekhar M. Raut	M.Sc., NET
3	Dr. Sangita S. Satpute (PG Coordinator)	M.Sc., SET, Ph.D
4	Dr. Netaji N. Karale	M.Sc. SET, B.Ed. Ph.D.
5	Prof. Amit A. Divhare	M.Sc., NET
Department of Microbiology		
Sr. No.	Name of the Faculty	Qualification
1.	Prof. Ms. Nilima B. Pendharkar, Head	M.Sc. SET
2.	Dr. Sanjay N. Kamble (PG Coordinator)	M.Sc. Ph. D.
3.	Prof. Ms. Adsumalli Neelima Devi	M.Sc. SET, SLET, GATE
Department of Zoology		
Sr. No.	Name	Qualification
1	Dr. Sadhana Deshpande, Head	M.Sc., Ph.D. D.H.E
2	Dr. Ravindra Gaikwad (PG Coordinator)	M.Sc., B.Ed., Ph.D.
Department of Physics		
Sr. No.	Name of the Faculty	Qualification
1.	Dr. P.V. Patil, Head	M.Sc., Ph.D.
2.	Dr. Jayashri Bagawade (PG Coordinator)	M.Sc., M.Ed.Ph.D.
3.	Dr. M.N. Vedpathak	M.Sc., Ph.D.
4.	Dr. R.J. Deokate	M.Sc., B.Ed. Ph.D.

VIDYA PRATISHTHAN
MANAGEMENT COMMITTEE

Hon. Shri. Sharadchandraji Govindrao Pawar	President
Adv. Ashok Vasudeo Prabhune	Vice President
Shri. Ramnik Ramaji Mota	Treasurer
Shri. Dattatray Rajaram Unde	Secretary
Shri. Ajit Anantrao Pawar	Trustee
Sau. Supriya Sadanand Sule	Trustee
Sau. Sunetra Ajit Pawar	Trustee
Shri. Vitthal B. Maniyar	Trustee
Shri. Balasaheb Patil Taware	Member
Shri. Shrikant Murlidhar Sikachi	Member
Adv. Neelima Vinodkumar Gujar	Member
Dr. Rajiv Motilal Shah	Member