



Deccan Education Society's Fergusson College

An Autonomous College (under Savitribai Phule Pune University, Pune)
Pune - 411 004, Maharashtra.

NAAC Accredited "A" Grade with 3.62 CGPA on 4 Point Scale
College of Excellence (UGC)

PROSPECTUS

www.fergusson.edu





Rajarshi Chhatrapati Shahu Maharaj
First President of DES. (1884 - 1922)

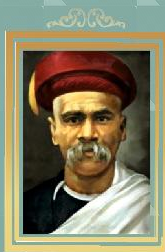
OUR GOALS

1. To impart quality education through traditional and innovative learning practices.
2. To provide a dynamic and creative academic environment, to tap and nurture talent for the development of professional skills and an all-round personality.
3. To inculcate good moral values and a sense of nationalism, in keeping with the glorious heritage of the institute.



Sir James Fergusson
The First Patron of DES.

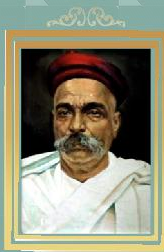
FOUNDERS OF DECCAN EDUCATION SOCIETY



Gopal Ganesh Agarkar

Founder (1856 – 1895)

Started working in New English School along with Lokmanya Tilak. Taught History and Philosophy in Fergusson College. Became the Principal of the College in 1892.



Lokmanya Tilak

Founder (1856 – 1920)

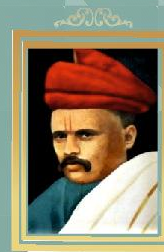
Prominent leader of freedom movement. Taught Mathematics and Sanskrit in Fergusson College. Authored two scholarly books 'Geeta Rahasya', a commentary on Shrimad Bhagwat Geeta and 'The Arctic Home of Vedas'.



Vishnushastri Chiplunkar

Founder (1850 – 1882)

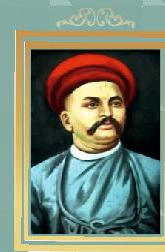
Established the New English School in Pune with Lokmanya Tilak and Agarkar in 1880.



Mahadeo Ballal Namjoshi

Founder (1853 – 1896)

His major contribution was fundraising for Fergusson College. Introduced study of Science and Technology and started practicals in Chemistry, Physics and Technology in schools.



Vaman Shivram Apte

First Principal (1858 – 1892)

First Principal of Fergusson College. The Sanskrit-English dictionary prepared by him is widely used even today.



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ABOUT THE COLLEGE

Vision :

We aspire to carry forward the Vision of our founders of providing affordable quality education, while expanding our academic horizons to bring the institution on par with global leaders in the field of higher education.

Mission :

Strive for excellence in education in keeping with the motto of the college, “**Knowledge is Power**” and prepare young minds for imbibing knowledge, skills and sensitivity.

The Deccan Education Society (DES) was founded in 1884 by such luminaries as Lokmanya Tilak, Vishnushastri Chiplunkar, Gopal Ganesh Agarkar, Mahadeo Ballal Namjoshi, and Vaman Shivram Apte. They took the bold step of starting the first ever privately managed college in India on 2nd January 1885. They named it Fergusson College in appreciation of the support from Sir James Fergusson, the then Governor of Bombay Province and also the first patron of DES.

Over the past, Fergusson College has enriched the nation by contributing illustrious names to the nation's list of patriots, thinkers, philosophers, poets, writers, teachers, academicians, social workers, scientists, sports persons, industrialists, entrepreneurs, administrators, defense officers, film makers... Every walk of life is graced by a Fergussonian who has achieved eminence in his/her field.

The beautiful campus of the College is spread out over more than 65 acres. Independent departmental museums, spacious laboratories in each of the science departmental building, a library building dates back to 1929 which can accommodate 400 students in its huge reading hall. Besides housing a gigantic collection of books, including very rare collections of books and manuscripts. All these add to the ambience of the College.



Sports facilities including a full-sized football field that can double as a cricket ground, basketball court, volleyball and handball courts, Amphitheatre, an enclosed auditorium. Kimaya - an open air auditorium, separate hostels for boys and girls, a college canteen... all these facilities and more contribute to the all-round development of a student.

The College has earned an enviable reputation in teaching and research in the Sciences as well as in the Humanities. The College is affiliated to Savitribai Phule Pune University. Fergusson College offers degree courses in Arts (B. A.) and Science (B.Sc.). The College also offers courses leading to Master's Degree in Arts and Science subjects. There is an increasing interaction with industry through the department of Computer Science, Electronic Science and Chemistry department. In keeping with the UGC policy of vocationalization of education, the college over the past decade, has been successfully conducting vocational courses in Photography and Audio-Visual Production, Electronic Equipment Maintenance and Biotechnology. These courses are in great demand and offer good career opportunities.

Students of the college have also excelled in extra-curricular activities; have won laurels in sports and other cultural competitions at the National and International level. Co-curricular activities include the National Service Scheme (NSS) and the National Cadet Corps (NCC).

The college blends ethos of Modernity linking history with the future. **‘Knowledge is Power’**, is the motto of the college since its inception.

Location :

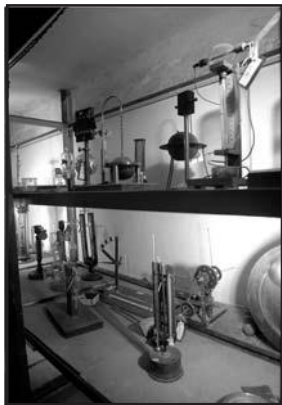
The College is located in Deccan Gymkhana area, which is in the heart of Pune City. The College is well connected by public transport. The nearest Airport (Lohegaon, Pune) is 15 km, Pune Railway Station is 5 km, Shivajinagar Bus/Railway Station is 3 km and Swargate Bus stand is about 5 km from the college.

Academic Ambience :

Many institutes of the DES, such as the Institute of Management and Development Research (IMDR), the Technical Institute of Pune (TIP), the Jagannath Rathi Vocational Guidance and Training Institute (JRVGTI), DES Navalmal Firodia Law College and DES Brijlal Jindal College of Physiotherapy and DES Smt. Subhadra K. Jindal Nursing College are all situated on the College campus.

Separate Buildings for Science Departments :

Most of the Science departments as well as some Arts departments (Economics and Psychology) have their own separate buildings with well-equipped laboratories and spacious classrooms. State of the Art Laboratories and Studio have been newly added to cater to emerging academic programmes like Animation and B.Voc.



Science Museums :

The Botany, Geology, Physics and Zoology departments have their own museums for which special space has been provided by the College. These are storehouse of rare exhibits, which are great assets for understanding the developments in the subject. The Museums are now supported under “**Special Heritage Status**” scheme of University Grants Commission (UGC).

Bai Jerbai Wadia Library :

The library building was established in year 1929. It is one of the oldest libraries in the country. The library has a total collection of 2.5 lakh books.



It is also known for its very old and rare collections like Mandlik Collection, Bramhe Collection, Osho Collection and Paul Tesla Collection. These old manuscripts are now digitized with support from National Archives of India, Ministry of Culture, Government of India. The Library subscribes Journals and Periodicals in various subjects. It hoards several Text and Reference books, bound volume journals and Maps and Records. It also provides NLIST-INFLIBNET facility. It houses two Computational centres especially for students.

Outstanding Academic Achievement :

The College has consistently maintained an excellent academic record over its entire history. This attracts many outstanding students from all over the country and even from other countries. It is therefore not surprising that our students invariably figure in the merit lists of the Savitribai Phule Pune University.

International and National Linkage :

Academic and research collaborations of the National level have been established by most of the departments, while the German, French, Biotechnology, Electronic Science and Physics departments have international collaborations.



A College preferred by International Students :

Fergusson is the most preferred Institution of higher learning, by International Students for graduate and post-graduate studies in the Arts and Science. Students are mainly from Asia and Africa, with a growing number from Middle Eastern Countries. At any given time, there are more than 300 International Students from about 35 countries studying in the college.

Distinctive Features :

- Established on 2nd January 1885 by Deccan Education Society (DES) - Celebrating 134th year
- First accreditation by NAAC in 2004 and received Grade 'A'
- Second accreditation by NAAC in 2010 and received Grade 'A' with CGPA of 3.26 on 4 - point scale
- Third accreditation by NAAC in 2015 and received Grade 'A' with CGPA of 3.62 on 4 - point scale
- Awarded as **“College with Potential for Excellence”** by UGC in 2011
- Awarded **“College of Excellence”** by UGC in 2017
- Science Departments recognized under Department of Science and Technology - FIST Programme in 2012
- Awarded **“Special Heritage Status”** by the UGC in 2014
- Awarded **“DBT STAR College Scheme”** by DBT, Government of India, in 2014: Six departments identified (Biotechnology, Chemistry, Electronic Science, Microbiology, Physics and Zoology) for support by DBT
- Ranked 27th in Nationwide Overall College Ranking and by NIRF, MHRD

ACADEMIC PROGRAMMES OFFERED

Degree Courses at Under Graduate Level		Degree Courses at Post Graduate Level	
B. A.	B. Sc.	M.A.	M. Sc.
1. Economics 2. English 3. French 4. Geography* 5. German 6. Hindi 7. History 8. Marathi 9. Mathematics (Industrial)* 10. Philosophy 11. Political Science 12. Psychology 13. Sanskrit 14. Sociology 15. Statistics(Applied)* 16. Logic *	1. Animation 2. Biotechnology 3. Botany 4. Chemistry 5. Computer Science 6. Electronic Science 7. Environmental Science 8. Geology 9. Mathematics 10. Microbiology 11. Physics 12. Statistics 13. Zoology	1. Economics 2. English 3. Marathi 4. Psychology	1. Analytical Chemistry 2. Biochemistry 3. Biotechnology 4. Botany 5. Computer Applications 6. Computer Science 7. Electronic Science 8. Environmental Science 9. Geology 10. Microbiology 11. Mathematics 12. Organic Chemistry 13. Physics 14. Data Science
		*These subjects are available only at General level and not for specialization	

Special PG Programme (3 - year duration) :

M.Sc. Industrial Mathematics with Computer Applications (IMCA)

B. Voc. Degree :

Media and Communication

Digital Art and Animation

Vocational Courses at UG Level :

1. B. Sc. (Physics) with **Photography and Audio-Visual Production**
2. B. Sc. (Electronic Science) with **Electronic Equipment Maintenance**

Certificate Courses :

1. Photography
2. Intellectual Property Rights (IPR)
3. Web Technology
4. School Geometry
5. Mathematics for Science Students
6. Geometry for Advanced Learners
7. Counselling Psychology
8. American Studies
9. Content Writing

“Academic Autonomy” was conferred upon the college by the University Grants Commission and Savitribai Phule Pune University (SPPU) from June 2016. Autonomy gives freedom to the College to offer innovative programmes, design curricula and conduct examinations on their own. This is one of the important milestones in the history of the College.

The College is administered by Governing Body, Academic Council, Board of Studies, Examination Committee/ Board and Finance Committee. This has helped the college to bridge the gap between Industry and Academia and bring revolutionary changes in the curricula. Now, every subject has a separate Board of Studies, which comprises of well-known Academicians with representation from University, Industry, Corporate and Alumni alike. The Academic Council looks into the academic affairs and quality of curricula, teaching and quality of education imparted at undergraduate as well as post graduate levels. The College has adopted Choice Based Credit System for both undergraduate and post graduate programmes. The credit structure is as follows :

For Undergraduate Programmes

	B. A.	B. Sc.	B. Voc.
First Year	18+18	24+24	30+30
Second Year	24+24	22+22	30+30
Third Year	24+24	22+22	30+30
Total Credits	132	136	180

For Post Graduate Programmes

	M.A.	M.Sc.	M.Sc. (IMCA)
First Year	16+16	20+20	20+20
Second Year	16+16	20+20	20+20
Third Year	20+20
Total Credits	64	80	120

Note: It is mandatory that all students should earn additional 8 credits from the groups mentioned by the College. Overall students should earn 132 credits within 3 years for Arts faculty, 162 for B.Sc. and 192 for B.Voc.

EXAMINATION PATTERN UNDER AUTONOMY

For Undergraduate Programmes (Theory)

1	Concurrent Evaluation (CE)	25 Marks
2	End Semester Examination (ESE)	25 Marks
	TOTAL	50 Marks
	CE Distribution	
1	Flexible methods (Preferebly Online evaluation will be preferred) (a) Written test (b) Open book test (c) Seminar presentations (d) Group discussions (e) Report/Note – on research paper or book/ survey/case studies (f) Assignment (g) Quiz - ON line Student must opt for any 2 evaluation methods per course.	25 Marks

For Undergraduate Programmes (Practical) :

1	Concurrent Evaluation (CE)	25 Marks
2	End Semester Examination (ESE)	25 Marks
	TOTAL	50 Marks
	CE Distribution	
1	Journal	5 Marks
2	Viva voce based on Practical	10 Marks
3	Internal test - for skill assessment, Project like experiment, additional experimentation, Internet searching on Experimental and research aspects, Hobby experiments, any other method with prior approval of Principal & Controller of Examination	10 Marks

For Post Graduate Programmes (Theory) :

1	Concurrent Evaluation (CE)	50 Marks
2	End Semester Examination (ESE)	50 Marks
	TOTAL	100 Marks
	CE Distribution	
1	CE-I (Flexible methods)- (Preferebly Online evaluation will be preferred) (a) Written test (b) Open book test (c) Seminar presentations (d) Group discussions (e) Report/Note - on research paper or book/ survey/case studies (f) Assignment Student must opt for any 2 evaluation methods per course.	25 Marks
3	CE-II On line examination	25 Marks

For Post Graduate Programmes (Practical) :

1	Concurrent Evaluation (CE)	50 Marks
2	End Semester Examination (ESE)	50 Marks
	TOTAL	100 Marks
	CE Distribution	
1	Journal	10 Marks
2	Viva voce at the time of submission of each Practical	20 Marks
3	Internal test - for skill assessment, Project like experiment, additional experimentation, Internet searching on Experimental and research aspects, Hobby experiments, any other method with prior approval of Principal & Controller of Examination	20 Marks

Evaluation :

Each CE and ESE will be evaluated in terms of marks. The marks for CE and ESE will be added to convert into a grade and later a grade point average will be taken. There is no grade independently for CE or ESE. Result of a student will be declared for each semester after the ESE only. The student will get a Grade Sheet with total grades earned and a Grade Point Average, after earning the minimum number of credits towards the completion of a program.

Marks / Grade / Grade Point (10 Point Scale)

Marks	Grade	Grade Point
80-100	O : Outstanding	10
70-79	A+ : Excellent	9
60-69	A : Very Good	8
55-59	B+ : Good	7
50-54	B : Above Average	6
45-49	C : Average	5
40-44	P : Pass	4
0-39	F : Fail	0
.	Ab : Absent	0

The following will be applicable for all those who are admitted before the A.Y. 2015-2016 till they complete the program.

Final Grade w.e.f. the AY 2016-17 (10 Point Scale)

Grade Point Average	Grade Point
09.00-10.00	O
08.50-08.99	A+
07.50-08.49	A
06.50-07.49	B+
05.50-06.49	B
04.25-05.49	C
04.00-04.24	P
00.00-03.99	F

FACULTY OF ARTS

F. Y. B. A. Intake Capacity :

English Medium (Grant -in Aid)	240
Marathi Medium (Grant -in Aid)	120
English Medium (Self Finance)	120

F. Y. B. A.

Groups of subjects available for Aided Division (Division A & B English Medium)

:

1. Compulsory English
2. Marathi or French or German
3. Hindi or Sanskrit
4. Optional English and Financial Mathematics
5. Sociology or Logic or Analytical Geometry
6. Geography or Philosophy or Calculus
7. History
8. Political Science
9. Economics
10. Psychology
11. Applied Statistic

F. Y. B. A.

**Groups of subjects available for Aided Division
(Division C Marathi Medium)**

1. Compulsory English
2. Marathi or French or German
3. Hindi or Sanskrit
4. Optional English
5. Sociology
6. Geography
7. History
8. Political Science
9. Economics
10. Psychology

*Note: (Sociology, Geography, History and Psychology
are not offered at special level in SYBA.)*

Following subjects are offered for Self-Financed Division (Division D) of F. Y. B. A. :

1. Compulsory English
2. Sociology
3. Political Science
4. Optional English
5. Psychology
6. Economics

Note: Two foreign Languages, German and French are offered for FYBA at two levels namely, Basic and Advanced.

- Following courses are offered at FYBA level.
 1. FYBA French Basic (Beginners)
 2. FYBA French Advanced (Non beginners)
 3. FYBA German Basic (Beginners)
 4. FYBA German Advanced (Non beginners)
- Students who have learnt German or French at the junior college level (i.e. 11th and 12th std) are supposed to opt for the advanced level.
- Students without prior knowledge of German or French are supposed to opt for Basic level.
- For basic level (German and French) students need to pay Rs. 2,500/- as additional fees.

Rules for choice of subjects (Division A, B & C) :

1. A student has to study 6 subjects in all.
2. Compulsory English is a Compulsory paper.
3. Student can opt for only ONE subject from EACH group.
4. Out of the 5 subjects, students have to select minimum one Language (second language). But not more than ONE from any given language group. Optional English can be taken as a Second language.
5. Student wanting to study English (Special) at S.Y.B.A. must offer Optional English at F.Y.B.A.
6. No change of subject will be allowed after admission.
7. Physical Training (PT) is compulsory for first year students. Students will have to strictly abide by the rules and regulations of the PT Department/ College Gymkhana.

S. Y. B. A.

Groups of subjects for Aided Division (Division A &B English Medium):

1. Compulsory English
2. Marathi or French or German
3. Hindi or Sanskrit
4. Optional English or Financial Mathematics
5. Sociology or Logic or Analytical Geometry
6. Geography or Philosophy or Calculus
7. History
8. Political Science
9. Economics
10. Psychology
11. Applied Statistics

Note: Financial Mathematics, Logic, Analytical Geometry, Geography, Calculus, Applied Statistic are not offered at special level.

Groups of subjects for Aided Division (Division C Marathi Medium):

1. Compulsory English
2. Marathi or French or German
3. Hindi or Sanskrit
4. Optional English
5. Sociology
6. Geography
7. History
8. Political Science
9. Economics
10. Psychology

Note: (Sociology, Geography, History and Psychology are not offered at special level).

Subjects available for Un-Aided (Self Finance) Division (Division D):

1. Compulsory English
2. Sociology
3. Political Science
4. Optional English
5. Psychology
6. Economics

Note: (Sociology and Political Science are not offered at special level)

Rules for choice of subjects at S. Y. B. A. (Division A, B, C & D) :

1. Students studying for the S. Y. B. A. shall study six papers as follows:
 - a) Compulsory English as compulsory paper.
 - b) Out of the five subjects (excluding Compulsory English) offered in F. Y. B. A. students must select three subjects for the general level.
 - c) Out of the three subjects for the General Level, students have to select one subject at Special Level.

Subjects at the special level. There will be two papers for the special subject.

1. For non-grant division (Div. D), only three subjects are available at special level - Psychology, Economics and English.
2. There are limited seats for the subjects taught at special level.
3. Students should have cleared the subjects that he/she wants to opt for at special level.
4. Students who have not opted for Optional English in F. Y. B. A. will not be allowed to opt for English special at S. Y. B. A.
5. Environmental Awareness (EVA) paper is compulsory as per University rules.
6. Students must pass in EVA in order to be promoted to T. Y. B. A.
7. No change of subjects will be allowed once admission is confirmed.

T. Y. B. A. Subjects Selection :

Students studying for the T. Y. B. A. (special) shall study six papers, the same combination of subjects continues as for S. Y. B. A.

FACULTY OF SCIENCE

Degree Courses at UG Level:

B. Sc. (Professional Courses) (Self-Financed)

1. Animation
2. B.Voc. (Media and Communication; Digital Arts and Animation)
3. Biotechnology and
4. Computer Science

B.Sc. (General Science) :

- | | |
|--|---------------------------------|
| 1. Botany | 6. Mathematics |
| 2. Chemistry | 7. Microbiology (Self-Financed) |
| 3. Electronic Science | 8. Physics |
| 4. Environmental Science (Self-Financed) | 9. Statistics and |
| 5. Geology | 10. Zoology |

Vocational Courses at Undergraduate Level :

1. Photography & Audio-visual production with Physics
2. Electronic Equipment Maintenance with Electronic Science

F. Y. B. Sc.

Rules for choice of Subjects :

1. A student can opt for a combination of FOUR subjects from the following Vocational Biotechnology (VBT), Botany (B), Chemistry (C), Electronics (E), Geology (G), Mathematics (M), Photography (Ph), Electronic Equipment Maintenance (EM), Physics (P), Statistics (S), Zoology (Z), Microbiology (Mic), Environment Science (EVS).
2. Each subject will have 2 theory courses and one practical course.

Intake Capacity :

F. Y. B. Sc. (General Science) – Aided	600
F. Y. B. Sc. (Microbiology and Environment Science) – Self-Financed	120
F. Y. B. Sc. (Computer Science) – Self-Financed	160
F. Y. B. Sc. (Biotechnology) – Self-Financed	24
F. Y. B. Sc. (Animation) – Self-Financed	160
F. Y. B. Voc. - Self Financed(Media and Communication; Digital Art and Animation)	100

Intake Capacity for Vocational Courses (Self Finance) :

Photography	30
Electronic Equipment Maintenance	30

Subject Combinations at F. Y. B. Sc. :

Grant-In-Aid	CPME / CPMG / CPMS/ PMSE/ PMSG/ CBZG/CPBZ/ PME.Em, PCM ph. PME ph
Self Finance	CBZ En Sc. CBZ Micro

S. Y. B. Sc. (General Science) :

A student can opt for a combination of **THREE** Subjects out of the four taken in F. Y. B. Sc. In addition, the student will have to opt for **ONE language** course in English/ Marathi/ Hindi/ Sanskrit.

The following combinations are available at S. Y. B. Sc. :

PCM, PCG, CBG, CZG, MGS, BZG, PMG, PME, CPE, CMS, PPhE, PE.ph, PMph, PCph, CBZ, PMS, PCS, PE.Em, CB Mic, CZ Mic, BZ Mic, ME Em, CZ EnSc, BZ EVS

Note : • All S.Y.B. Sc. Students will have to take **Compulsory Environmental Awareness** course as per the directives of the Hon'ble Supreme Court and as per Savitribai Phule Pune University directives.

The Principal/ Admission Committee has the right to continue/ discontinue any subject combination as and when necessary.

T. Y. B. Sc. (General Science) :

Following subjects are available as specialization in B.Sc.

1. Botany
2. Chemistry
3. Electronic Science
4. Environmental Science (Self-Financed)
5. Geology
6. Mathematics
7. Microbiology (Self-Financed)
8. Physics
9. Statistics and
10. Zoology

Choice of Vocational Courses at T. Y. B. Sc. :

Vocational Courses at T.Y. B. Sc. are linked with the following subjects :

- Electronic Equipment Maintenance with Electronic Science
- Photography with Physics

A particular combination of subjects of the F.Y. / S.Y. / T.Y. will be allowed if it fits within the Government rules of teaching workload and if it can be accommodated in the college time-table. The college reserves its right to withdraw (or to add) any subjects combinations given above without any prior intimation.

B. Sc. (Computer Science) :

F. Y. B. Sc. A student can opt for the following FOUR subjects : Computer Science, Electronic and Mathematics and Statistics (Two Theory papers and One Practical for each subject).

S. Y. B. Sc. A student can opt for the following FOUR subjects : English, Computer Science, Electronics and Mathematics (Two Theory papers and One Practical in each of the three subjects), and Compulsory Environmental Awareness course.

T. Y. B. Sc. A student is offered Computer Science consisting of six theory papers and three practicals.

B. Sc. (Animation) :

F. Y. B. Sc. A student is offered eight subjects : Computer Programming, 2D and 3D Animation, Graphic Design and Media (Eight Theory and Four Practical subjects)

S. Y. B. Sc. A student is offered six subjects : 2D and 3D Animation, Production Pipeline and Clay Animation and Compositing (Six Theory and Three Practical subjects)

T. Y. B. Sc. A student is offered six subjects : 3D Animation Maya, Digital Editing, Game Design and VFX (Six Theory and Three Practical subjects)

B. Sc. (Biotechnology) :

F. Y. B. Sc. A student can opt for 8 theory papers Microbiology, Plant Sciences, Animal Sciences, Biological Chemistry, Biodiversity, Ecology and 4 practicals.

S. Y. B. Sc. A student is offered 7 theory papers Medical Microbiology and Immunology, Cell Biology, Molecular Biology, Food and Dairy, Metabolic Pathways and 3 practicals.

T. Y. B. Sc. A student is offered 6 theory papers Large Scale Manufacturing Practices, Animal and Plant Development, Enzymology, Genetics and 2 practicals.

Bachelor of Vocation :

The University Grants Commission (UGC) has launched a scheme on skills development based higher education as part of college education, leading to bachelor of Vocation (B. Voc.) degree with multiple exits such as Diploma / Advanced Diploma under the National Skill Qualification Framework (NSQF). The B. Voc. programme is focused on colleges providing undergraduate studies which would also incorporate specific job roles along with broad based general education.

The College has been identified by the UGC to provide this B. Voc. Degree with two specializations : a) B. Voc. (Media & Communication) and b) B. Voc. (Digital Art & Animation) with 50 seats for each specialization. The details of qualifying levels for the programme are as follows :

Award	Duration	Corresponding NSQF level	Eligibility
Diploma	1 year	5	10 + 2 From any stream
Advanced Diploma	2 years	6	
B. Voc. Degree	3 years	7	

B. Voc. (Media & Communication) :

F. Y. B. Voc. Media and Communication

A student is offered three theory subjects : Introduction to Communication, Media and Visual Communication.
Practical Subjects : Communication Skills, Basics of Photography, Voice Over.

S. Y. B. Voc. Media and Communication

A student is offered three theory subjects : Media and Society, Script Writing, Video Editing.
Practical Subjects : Story Board Design, Practical in Video Editing and Broadcast Journalism.

T. Y. B. Voc. Media and Communication

A student is offered three theory subjects : Sound in Media, Basics of Research, Media Laws and Ethics.
Practical Subjects : Audio Production, Video Production and Project for Journalism.

B.Voc. (Digital Art and Animation) :

F. Y. B. Voc. Digital Art and Animation

A student is offered three subjects : Foundation Art, Graphic Design and Print Media.
(Three Theory and Three Practical subjects)

S. Y. B. Voc. Digital Art and Animation

A student is offered three subjects : 2D Animation, Flash, Composting and Production Pipeline
(Three Theory and Three Practical subjects)

T. Y. B. Voc. Digital Art and Animation

A student is offered three subjects : 3D Animation, VFX, Digital Editing and Game Design.
(Three Theory and Three Practical subjects)

Faculty of Arts

M. A. and Ph. D. (Economics) :

The Economics department is one of the oldest departments and was established in 1971. The centre has an intake capacity of 60 and admission is made on the basis of Entrance Exam only. A student learns Microeconomics, Macroeconomics, Public Finance, Growth and Development and International Economics. The Department is also recognized research centre for Ph.D. programme.

M. A. and Ph. D. (English) :

The Post Graduate department of English was established in 1969. The Department of English is also a recognized research centre of Savitribai Phule Pune University. The intake capacity is 60. The research areas are Literature and Language. Admission is made on the basis of Entrance Exam only.

M. A. (Marathi) :

M. A. Marathi is an aided PG course. Student offering any subject at B.A. can apply for M. A. Marathi. The intake capacity for M.A (Marathi) is 60. Admission is made on the basis of merit after the BA result.

M. A. (Psychology) :

M. A. in Psychology programme (Self-Financed) was started in the academic year 2006-07. Students with Psychology as special subject at B.A degree can apply for this course. Students can opt for Industrial Psychology or Clinical Psychology. The intake capacity for M.A (Psychology) is 24. Admission is based on Entrance exam only. The Department of Psychology is also a recognized research centre of Savitribai Phule Pune University. The research areas of the department are Yoga, Positive Psychology, Rational Emotive Behaviour Therapy (REBT) and Health Psychology. The department also offers one year **Post Graduate Course in Counselling Psychology (PGCCP)**.

Faculty of Science

The College also offers programmes leading to a Master's degree in Analytical Chemistry, Biochemistry, Botany, Biotechnology, Computer Science, Electronic Science, Environmental Science, Geology, Organic Chemistry, Microbiology, Physics, M.Sc. in Industrial Mathematics with Computer Application (IMCA). All the PG courses are self-financed except M. Sc. Physics which has both aided as well as self-financed divisions.

Post Graduate Programmes : The Intake capacity is as follows -

Sr. No.	PG Course	Student Strength
1.	M. Sc. (Botany)	24 (Self-Financed)
2.	M. Sc. (Biotechnology)	24 (Self-Financed)
3.	M. Sc. (Analytical Chemistry)	24 (Self-Financed)
4.	M. Sc. (Bio Chemistry)	24 (Self-Financed)
5.	M. Sc. (Organic Chemistry)	48 (Self-Financed)
6.	M.Sc. (Computer Applications)	60 (Self-Financed)
6.	M. Sc. (Computer Science)	60 (Self-Financed)
7.	M. Sc. (Electronic Science)	48 (Self-Financed)
8.	M. Sc. (Environmental Science)	24 (Self-Financed)
9.	M. Sc. (Geology)	24 (Self-Financed)
10.	M. Sc. (Physics)	30 (Grant-in-aid) + 24(Self-fin.)
12.	M. Sc. (Industrial Mathematics with Computer Application)	30 (Self-Financed)
13.	M. Sc. (Microbiology)	24 (Self-Financed)
14.	M.Sc. (Data Science)	24 (Self-Financed)

Post Graduate Centre in Biotechnology (Self-Financed) :

The post graduate course in Biotechnology was started in 2007. A student learns Cell Biology, Molecular Biology, Database Management and IPR, Bacteriology, Immunology and Virology, Plant Biotechnology, Advanced Biological Chemistry, Biostatistics, Fermentation Technology and Animal Tissue Culture..

Post Graduate Centre in Chemistry M. Sc. (Self-Financed) :

The Department of Chemistry offers 2-year full time M. Sc. Programme in Analytical Chemistry, Biochemistry and Organic Chemistry.

Post Graduate and Research Centre in Electronic Science (Self-Financed) :

M. Sc. Electronic Science gives the opportunity to assimilate wide range of disciplines required for the challenging career in Electronics and Instrumentation. Following the first two semesters common core, the third and fourth semesters of degree offers a range of options which can be taken by students. The departments provide following specialized courses : Digital Logic Design, Micro Controllers, Digital Signal Processing, Communication & Networking, Embedded Systems, Industrial & Power Electronics, Robotics CAD/CAM and Industrial Process Control.

Post Graduate and Research Centre in Environmental Science (Self-Financed) :

M. Sc. Environmental Science gives opportunity to learn Environmental Pollution, Environmental Impact Analysis and Audit, Remote Sensing, Environmental Toxicology, Health and Safety, Restoration and Watershed Management, Renewable and Non-Renewable Energy and GIS etc.

Post Graduate and Research Centre in Physics (Aided and Self-Financed) :

The post graduate centre was established in 1969. The course includes Classical Mechanics, Electrodynamics, Atoms and Molecules, Nuclear Physics, Semiconductor Physics, Nanotechnology, Experimental Techniques, Astronomy, Astrophysics, Atmospheric Sciences and Instrumentation Techniques.

Post Graduate Center in Computer Sciences (Self-Financed) :

The programmes offered are M.Sc. (Computer Science) and M.Sc. in Industrial Mathematics and Computer Applications (IMCA). Students undertaking PG course in Computer Science studies Digital Image Processing, Soft Computing, Business Intelligence, Mobile Computing, Software Quality Assurance and Testing, Programming, Modelling and Simulation etc. A student undertaking IMCA programme studies Real Analysis, Group Theory and Applications, Discrete Mathematical Structure, C programming, Database Management System etc.

Post Graduate and Research Centre in Geology (Self-Financed) :

The Post graduate Centre in Geology was started in 2007. A student undertaking this course studies basic and applied aspects of various branches of Geology such as Exploration Methods, Economic Geology, Groundwater Geology, Petroleum and Mining Geology, Engineering Geology, Gemmology, GIS etc., Research interest of the centre are Igneous Metamorphic and Sedimentary Petrology, Palaeontology, Structural Geology etc.

OTHER VALUE ADDED PROGRAMMES/ ADD ON COURSES (UNDER AUTONOMY)

Elementary & Intermediate Mathematics and Statistics for Economics (Department of Economics) :

Contents : Differential Calculus, Rules and uses of the Derivative, Exponential and Logarithmic Functions, Probability Theory, Operations of Probability and Random Variables.

Certificate Course in American Studies (Department of Political Science) :

Contents : Appropriate learning and communication skills so as to benefit most from higher education in the United States and also to acquaint the students with the American culture, society, economy and polity and encourage inter-disciplinary studies and area studies.

Post Graduate Certificate Course in Counselling Psychology (Department of Psychology) :

Contents : Nature and process of counselling, grounding in the major theories and techniques of counselling and applications of counselling in various fields.

Introduction to Web-Page Designing (Department of Computer Science) :

Contents : Basic concept of HTML and CSS and also to develop the skill and knowledge of Web Page Design.

Geometry for Advanced Learners (Department of Mathematics) :

Contents : Theorems of Congruence's, Points associated with triangles, Euler lines, 9-point circle, In Circle and Ex Circle, Heron's formula to find area etc.

Certificate Course in Photography (Department of Physics) :

Contents : Understanding of 'Photographic Practice' and also to support creativity. It is also designed to develop the 'Photographic Eye' and the 'Fine Art' view amongst students.

Intellectual Property Rights (Department of Biotechnology) :

Contents : General overview of Intellectual Property, Basics of Patents, Industrial Designs and Introduction of Trademark, etc.

Content Writing (Department of English in collaboration with Technowrites Pvt. Ltd.)

Contents: Content Writing Theory, Content Writing Tools, Search Engine optimization, legal aspects of content writing, etc.

IMPORTANT INSTRUCTIONS FOR STUDENTS

1. Students are advised to regularly read all notices displayed on the notice boards at various places. Ignorance of the same cannot be justified.
2. A student must always carry his / her I-card and students handbook. The same must be produced if demanded by any college authority.
3. Student shall attend lectures, practicals, tutorials, unit tests and examinations and shall keep guardians informed regarding their progress.
4. Students should note that they will not be permitted to appear for the examinations, if they fail to satisfy on any of the following grounds :
 - At least 75% attendance at Lectures / Practical.
 - At least 75% attendance at P.T. parades / N.C.C. parades/ N.S.S. work as prescribed.
 - Attendance and performance at the college examinations.
 - Good and disciplined behaviour on the college campus.
 - Obedience of the instructions of teachers, staff and any college authorities.
 - Payment of fees as instructed.

Very Important Note :

- a) **‘Zero Tolerance’** towards ragging. If any incidence of ragging comes to the notice of authorities concerned, the accused student will be given an opportunity to explain and if his / her explanation is not satisfactory, the authority would expel him/her from the institution. The police shall be informed immediately and criminal law shall be set into motion (Supreme court order and University of Pune, Circular No.170 of 2009, dated 21/5/2009).
- b) Students should note that smoking, chewing tobacco, use of drugs is strictly prohibited on the college campus and
- c) Student must de-activate Mobile or Cell Phones in the classrooms and laboratories or during any academic activity.

GOVERNMENT SCHOLARSHIPS & FREESHIPS

The Government of India scholarship includes maintenance charges, fees and expenses of approved study tours in respect of professional courses. The maintenance charges to the students are detailed in Rules V of the Government of India Regulation.

Types of Government Scholarships & Freeships :

Sr. No.	Type of Scholarship
1.	B.C. Scholarship Fresh
2.	B.C. Scholarship Renewal
3.	B.C. Freeship
4.	P.T.C. / S.T.C.
5.	Ex. Servicemen

6.	Freedom Fighter
7.	E.B.C.
8.	Savitribai Phule Pune University Scholarship : a) Kranti Jyoti Savitrimata Phule Artha Sahayya Yojana b) Arthik Durbal Ghatak Artha Sahayya Yojana (EBC) c) Rajarshri Shahu Maharaj Shishyavrutti Yojana d) Gunavant Vidyarthi Shishyavrutti Yojana (Merit)
9.	Other Scholarships : a) Minority Scholarship b) Central Sector Scholarship c) Indira Gandhi Scholarship (Only for Female – One Girl Child) d) Inspire Scholarship e) J & K Scholarship
10.	Other Scholarships (Institutional) : a) Jindal Foundation Scholarship b) B.G. Shirke Scholarship c) Indian Oil Scholarship d) Blind Foundation Scholarship (Only for Blind Students)

Eligibility for Various Scholarships/ Freeships :

1. In case, if a student is unable to complete any course/ programme and has taken admission to another course/ programme he/ she will not eligible for GOI Post Metric Scholarship.
2. ST Category students seeking admission to any Self Finance Course/ Programme, it is mandatory to provide caste validity certificate for scholarship.
3. DST-INSPIRE Scholarship is as per their terms & conditions.

For more information, you may contact Scholarship Section in Main Office.

Important Weblinks for Scholarships :

1. SC/NT/OBC/SBC Student – www.mahaechol.maharashtra.gov.in
2. ST Student – www.tribal.maharashtra.gov.in
3. Minority Scholarship – National Scholarship Portal
4. Inspire – www.inspire-dst.gov.in/scholarship.html
5. Savitribai Phule Pune University Scholarship – www.unipune.ac.in

OTHER FEATURES OF COLLEGE

• The college has a well-established Social Outreach and Enabling Center (SOEC), which handles the extension and outreach programmes. An orientation programme is organized in the month of July every year. SOEC works with 15 civil society organizations. Every student volunteer is allocated one of the organizations.



A student is expected to work for four hours per week throughout the year. A student volunteers are also expected to work with blind students as peers and help them in providing recorded notes, filling different types of forms, arranging for writers during exams and encouraging their participation in college activities under the programme. A separate Cell called “Saathi” has been established by the College.

- The College has separate Industry-Institute Interaction Cell (now called as Career Facilitation Centre) and a Placement Assistance Cell housed in the Main Building. Both these Cells function under Career Facilitation Centre. The main objective of the Cell is to promote linkages between Industries and Academia. Interactions with Industry Experts, Panel Discussions and Career Summits, Training Programmes for students and teachers etc., have become regular feature of the College activity. Every department has “Placement Coordinator” who co-ordinates with the Career Facilitation Centre. Pre-Placement activities include interview skills, communication skills and group discussions. These help students to enhance their employable skills. Every year more than 80 companies visit the campus for recruitment drives where our students get placed.
- Astro-Club is one of the most popular activities amongst Physics as well as non-Physics students. A unique project - TARA Observatory is being worked out by Astrophysics Club which proposes to combine a highly configurable robotic telescope array with an innovative sensor array network in collaboration with Cork Institute of Technology, Ireland. The college would be TARA FC Node, the only centre in India for such programme. This club promotes learning and understanding. Astronomy apart from organizing National Conference (Frontiers in Physics) every year.



Science Education Initiative (SEI) :

Students from Astroclub participate in “Science Education Initiative” which is dedicated to improve quality of Science and Mathematics education across the country. Students are trained for teaching Science and Mathematics and then they visit schools for underprivileged to teach Science and Mathematics.

REFUND OF FEES

For the courses which do not come under the jurisdiction of DTE e.g. B. A., B.Sc., B. Com., M. A., M. Com., M. Sc., LL.B., LL.M., etc. cancellation of admission before the commencement of courses of the relevant academic year as per the notification issued by UGC, New Delhi dated 23rd April, 2007, the rule is as follows:

For the candidates who cancel their admission before starting the course for the relevant academic year, his entire fees after deducting processing fee of not more than Rs.1000/- shall be refunded to the student by the university/ concerned institution.

If the student cancel admission after the course is started, following scheme will be adopted for refund of total fees

Sr. No.	Time of Cancellation	Amount to be deducted
1	From 1 st day to 10 th day (First day is inclusive) from the date of commencement of the course.	20% of the total fees
2	From 11 th to 30 th day from the date of commencement (First day is inclusive) of the course.	40% of the total fees
3	After 30 days (First day is inclusive)	100% of the total fees

Notes :

- 1) Students should refer to the notice concerning refund of fees, put up on the college notice board from time to time.
- 2) Above information is based on Savitribai Phule Pune University, Circular (Ref. No. : PGS/542 dated 17/02/2011).

Grant in Aid Fees 2020-21

Student	F.Y.B.A	S.Y. B.A	T.Y.B.A	F.Y.B.Sc	S.Y.B.Sc	T.Y.B.Sc	M.Sc. Physics I	M.Sc Physics II	M.A (I) English / Marathi / Economics	M.A (II) English/ Marathi/ Economics
Reservation	7,045	6,070	2,320	8,700	7,050	2,800	8,210	6,755	7,360	6,425
MAHA. STATE	9,355	8,335	4,650	11,135	9,965	5,255	11,650	9,915	9,790	8,995
OTHER STATE	10,155	9,135	5,450	12,535	11,315	6,180	13,250	11,515	10,790	9,995

**** Note:** Students from Other state/SAARC country or Foreigner/ NRI fees are double and triple of tuition fees respectively.

SELF-FINANCED Fees for the 2020-21 (Under Graduate)

Student	F.Y.B.A	S.Y.B.A	T.Y.BA	F.Y.B.Sc Micro	S.Y.B.Sc Micro	T.Y.B.Sc Micro	F.Y.B.Sc EVS	S.Y.B.Sc EVS	T.Y.B.Sc EVS	F.Y.B.Sc (CS)	S.Y.B.Sc (CS)	T.Y.B.S c. (CS)
Reservation	15,315	13,580	12,915	16,880	15,720	18,280	16,880	5,720	18,230	23,225	19,845	16,930
MAHA. STATE	15,315	13,580	12,915	32,130	30,615	33,175	32,130	30,615	33,125	47,870	43,935	41,020
OTHER STATE	20,450	18,515	17,405	50,550	48,835	51,395	50,550	8,835	51,345	77,975	73,540	67,930

**** Note:** Students from Other state/SAARC country or Foreigner/ NRI fees are double and triple of tuition fees respectively.

Student	F.Y.B.Sc. (BT)	S.Y.B.Sc. (BT)	T.Y.B.Sc. (BT)	F.Y.B.Sc. (Ani)	S.Y.B.Sc. (Ani)	T.Y.B.Sc. (Ani)	F.Y.B.V oc Digital Art & Animati on	S.Y.B.V oc Digital Art & Anima tion	T.Y.B.V oc Digital Art & Animati on	F.Y.B.Vo c Media & Comm	S.Y.B.V oc Media & Comm	T.Y.B.V oc Media & Comm
Reservati on	20,730	19,350	21,430	29,900	22,075	21,855	-	-	-	-	-	-
MAHA. STATE	51,375	49,440	51,520	76,145	67,820	67,600	40,760	8,930	38,710	45,650	43,820	43,600
OTHER STATE	89,075	86,640	88,720	121,645	112,820	112,600	70,760	68,930	68,710	81,650	79,820	79,600

**** Note:** Students from Other state/SAARC coutry or Foreigner/ NRI fees are double and triple of tuition fess respectively.

SELF-FINANCED (Post Graduate) Fees for the 2020-21

Student	M.Sc. CS I	M.Sc. CS II	M.Sc. CA I	M.Sc. CA II	M.Sc. Tech I	M.Sc. Tech II	M.Sc. Tech III	M.Sc. BT I	M.Sc. BT II	M.Sc. EVS I	M.Sc. EVS II
Reservation	28,525	24,275	-	-	25,350	21,100	21,100	35,110	32,860	30,500	26,250
MAHA. STATE	66,065	61,290	76,270	72,245	50,890	46,115	46,115	83,650	80,875	56,515	51,790
OTHER STATE	112,360	107,085	132,770	128,245	82,010	76,735	76,735	138,430	135,155	88,395	83,170

**** Note:** Students from Other state/SAARC country or Foreigner/ NRI fees are double and triple of tuition fees respectively.

Student	M.Sc Micro I	M.Sc. Micro II	M.Sc. Org Chem I	M.Sc. Org Chem II	M.Sc. Bio. Chem I	M.Sc. Bio. Chem II	M.Sc. Ana. Chem I	M.Sc. Ana. Chem II	M.Sc. Geology I	M.Sc. Geology II	M.Sc. Botany I	M.Sc. Botany II
Reservation	29,900	25,650	25,050	22,300	25,050	22,300	25,050	22,650	21,140	17,280	23,330	19,080
MAHA. STATE	63,170	58,595	51,320	48,245	51,520	48,245	51,395	48,670	46,100	42,025	48,400	43,825
OTHER STATE	104,360	99,585	83,860	80,385	84,160	80,385	83,735	80,810	74,130	69,855	76,430	71,655

**** Note:** Students from Other state/SAARC country or Foreigner/ NRI fees are double and triple of tuition fees respectively.

Student	M.Sc Geology II	M.Sc. Physics I	M.Sc Physics II	M.Sc. Electronics I	M.Sc Electrinics II	M.A. Psychology I	M.A. Psychology II
Reservation	17,390	19,940	17,190	25,450	21,200	-	-
MAHA. STATE	42,135	45,010	41,935	50,990	46,215	35,230	30,655
OTHER STATE	69,965	73,040	69,765	82,110	76,835	51,790	47,015

**** Note:** Students from Other state/SAARC country or Foreigner/ NRI fees are double and triple of tuition fess respectively.

Head of Departments / Coordinators :

No.	Subject	Name	No.	Subject	Name
1	Economics	Dr. Surekha Rongate	14	Biotechnology	Dr. Sonali Joshi
2	English	Dr. Sujata Bamane	15	Botany	Smt. Sunanda Kate
3	French	~	16	Chemistry	Dr. Vijay Tadke
4	Geography	~	17	Computer Science	Dr. Kavita Khobragade
5	German	Smt. Amruta Kulkarni	18	Electronic Science	Dr. Nitin Kulkarni
6	Hindi	Dr. Santosh Dhotre	19	Environmental Science	Smt. Rupali Gaikwad
7	History	Dr. Madhuri Mandlik	20	Geology	Dr. Shashikant Raut
8	Marathi	Dr. Siddharth Agale	21	Mathematics	Dr. Vinaykumar Acharya
9	Philosophy	Dr. Radhika Jadhav	22	Microbiology	Smt. Meghana Kulkarni
10	Political Science	Shri. Prakash Pawar	23	Physics	Dr. Raka Dabhade
11	Psychology	Shri. Anil Sawarkar	24	Statistics	Shri. Subhash Shende
12	Sanskrit	Dr. Ankit Rawal	25	Zoology	Dr. Kishor Pendharkar
13	Sociology	Shri. Nishant Gadpayle	26	Director, Physical Education	Shri. Gautam Sonawane

No.	Subject	Name	No.	Subject	Name
27	Prof. In-Charge, Library	Smt. Swati Joglekar	36	M.Sc. (IMCA)	Smt.Vrushali Limaye
28	NCC (Army)	~	37	Career Facilitation Centre	Smt. Nandini Kotharkar
29	NCC (Navy)	Dr. Navnath Chandanshive	38	Placement Cell	Smt. Anjali Naik
30	NSS Programme Officers	Dr. Santosh Pharande	39	Co-ordinator for Environmental Awareness Course	Dr. Meenakshi Mahajan
31	Chairman Gymkhana	Smt. Deepa Kulkarni	40	Social Outreach and Enabling Centre	Smt. Nirmala Talape
32	In-Charge of Voc. Electronic Equipment Maintenance	Dr. Kishor Pendharkar	41	SAATHI (Students with Blindness)	Dr. Santosh Dhotre
33	Voc. Photography	Dr. Kishore Sonawane	42	International Students' Cell	Dr. Chitra Sreedharan
34	Vocational Bio-technology	Dr. Sonali Joshi			
35	Co-ordinator Dept. of Comp. Science	Smt. Shubhangi Thakar			

Right to Information Act :

Academics - Information Officer	Dr. Ravindrasinh Pardeshi, Principal
Academics - Appellate Officer	Joint Director, Higher Education Pune Region, Pune
Administration - Information Officer	Secretary, Deccan Education Society, Pune
Administration - Appellate Officer	Chairman, Deccan Education Society, Pune

College Office Bearers :

Principal	Dr. Ravindrasinh Pardeshi
Vice Principal - Arts	Shri. Prakash Pawar
Vice Principal - Science	Dr. Nitin Kulkarni, Mrs. Swati Joglekar
Registrar	~
Office Superintendent	Shri. Paradhi
Office In-Charge (Self Finance)	Shri. Chetan Ankalkote

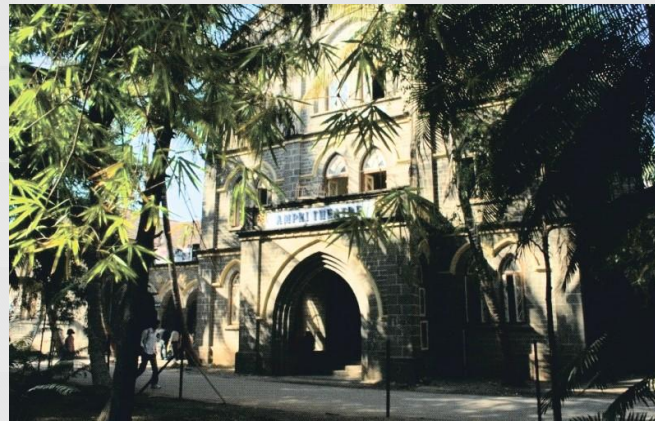
Other Office Bearers :

Coordinator, IQAC and Secretary, Academic Council	Dr. Samir Terdalkar
Controller of Examinations (COE)	Dr. Vijay Labade
Deputy Controller of Examinations (Dy. COE)	Dr. Radhika Jadhav Dr. Shivaji Waghmare
Academic and Research Coordinator (ARC)	Dr. Ashish Mane
Coordinator - Anti Ragging Cell Helpline : 1800 - 180 - 5522	Dr. Kailas Sapnar
Teacher - In-Charge, Internal Complaints Committee (Cell for Prevention of Sexual harassment)	Smt. Amruta Kathe
Student Welfare Officer	Shri Mayur Kshirsagar

OUR PRIDE



POSTAGE STAMP



AMPHITHEATRE



We Strive For Excellence...



Deccan Education Society's
Fergusson College

An Autonomous College (under Savitribai Phule Pune University, Pune)

ID. NO. :- PU/PN/AS/002 (1885)

Pune - 411004, Maharashtra, India.

Telephone No. :- +91 020 30866000

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