



Maharashtra Education Society's
ABASAHEB GARWARE COLLEGE



Karve Road, Pune 411004
www.mesgarwarecollege.org

NAAC Reaccredited 'A' Grade (3rd Cycle)
Best College Award Savitribai Phule Pune University



PROSPECTUS 2019 - 20

Platinum Jubilee Year

*College Committed to
Excellence in Education*

M. E. SOCIETY'S
Abasaheb Garware College
Karve Road, Pune 411 004.

Office Bearers:

Senior College:

Principal - Prof. P. B. Buchade

Vice-Principal :

- 1) Dr. A. A. Patwardhan
- 2) Smt. Chitra Nagarkar
- 3) Dr. Sunita Bhagwat
- 4) Dr. P.D. Sonawane

Junior College :

Vice – Principal, Junior College Mrs. Swati Tribhuvan
Supervisor, Junior College Mrs. Smita Kulkarni

Office Admin :

Registrar Mr. K. J. Sable
Librarian Dr. Vandana Shelar
Gymkhana Vice-President Dr. A. A. Patwardhan
Director, Physical Education Dr. Asha Bengle

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Office Timings: (Except on Holidays and First and Third Saturdays)

Monday to Saturday – 10.00 am to 5.40 pm **Lunch Time** – 1.30 pm to 2.00 pm

Cash Transaction – 10.30 am to 1.30 pm **College Timing** – 7.15 am to 6.08 pm

Library Timing:

Reading Hall – 8.30 am to 5.00 pm

Night Reading Hall – 8 am to 8 pm

(Only Prior to commencement of University Examination)

Transaction of Books – 9.00 am to 5.00 pm



Maharashtra Education Society's

ABASAHEB GARWARE COLLEGE

PUNE 411 004.

● OUR MISSION

Our mission, as an educational institution, is to impart higher education for the development of academic excellence, character and personality; with a broader perspective of social, national, environmental and global commitment.

Objectives

- To impart and equip students with the necessary skills to compete in a technologically advanced global scenario.
- To provide an academic environment that reinforces appropriate social and cultural values.
- To provide research facilities which would promote the exploration in core areas related to traditional and contemporary fields of study.
- To provide value addition through co-curricular and extra - curricular activities.
- To enhance character development leading to national and global perspective.
- To make education accessible to all sections of society.
- To sensitize students regarding environmental issues.

Code of Conduct (discipline and Rules)

“Discipline is the bridge between goals and accomplishment.”

- Jim Rohn (American businessman)

1. Students must attend lectures, practical, tests and exams regularly and at appointed time. They should not remain absent without seeking the prior permission of the class guardians. 75% attendance for all subjects is mandatory. If the attendance is not satisfactory the students shall not be allowed to appear for the final examination. In such cases the committee decision will be final. In case of F.Y. students 75% attendance is also mandatory for P.E. parades, N.C.C. parades and N.S.S. activities as the case may be.
2. Students must take due care of the property of the college. They are expected to maintain the entire area clean and tidy.
3. Students should not form any 'group' or 'forum' on the campus without seeking the prior permission of Principal in writing.
4. They should not invite any person for organizing a meeting or program without the prior permission of the authorities.
5. Smoking, drinking, spitting, consuming drugs, chewing and consuming tobacco is strictly prohibited on the college campus.
6. Students should observe proper dressing sense in the college premises which is generally acceptable to the society at large.
7. Each student will get Identity card from the library. It is mandatory for the students to wear this card on the college campus. It must be produced on demand by the college authorities. If unable to produce the I-card, the student may be penalized by the college authorities.
8. On the loss of I-card, a student should seek duplicate card immediately from the college library by paying fees and fine.
9. All students must park their vehicles in paid cycle / scooter stand.
10. Authorities have full right to modify the rules whenever necessary and following of such modified rules is obligatory for the students. In case of any dispute, Principal's decision will be final.
11. College will take stern steps against the students in case of indisciplined behavior, disobeying of rules and orders. In such case Principal's decision will be final.
12. Students should note that college authorities will not allow annual social gathering or celebration of rose day, traditional day or any other similar events on the college campus.

13. It is expected that all the college students should observe proper manners and discipline inside and outside the college premises.
- 14. Students should be meticulous about filling the examination, freeship/ scholarship and eligibility forms on or before the stipulated date declared. In case of failure to fill the forms, the students will be solely held responsible and will have to bear the consequences.**
15. A student will be punished or debarred from appearing the University examination, in case he/she possesses a cell phone in the examination hall and attempts to undertake any malpractices.
16. Closed toe wares (socks and shoes) are not allowed inside the examination hall.
17. Joining private coaching classes, courses, tutorials and test series etc. during college timings is not allowed.
18. Students should not undertake any activity/ assignment during college hours. If necessary, students should seek prior permission of the concerned authority.



From The Principal's Desk

Dear Students,

Maharashtra Education Society's Abasaheb Garware College, established in August 1945, is one of the premier institute in and around Pune, imparting higher education in the field of Arts and Science. **The college is celebrating Platinum Jubilee during the academic year 2019-20.** With its own distinct identity and tradition the college has been the tower of learning for many generations. It has molded the destiny of hundreds of people for a better tomorrow. The college has emerged as a leading center for teaching, learning and research in the field of higher education in faculty of Arts and Science.

Over the past seven decades, it has grown up gradually and steadily, initiating Undergraduate, Postgraduate, Research and Skill Development Programs. At present, the college offers 20 UG, 19 PG, 3 B.Voc. programs and many short term courses. Seven departments are offering Doctoral Programs.

The attempt of the college in quality enhancement is clear in the accreditation and assessment grades that the college has received earlier: B+ in 2005, Graded 'A' in 2010 with CGPA 3.15 and 'A' Grade in 2016 with CGPA 3.25 on 4 point scale.

The pursuit of excellence by the Abasaheb Garware College is evidenced by its winning the Best College Award of Savitribai Phule Pune University and Star College Scheme by Department of Biotechnology.

We have a superb, dedicated, enthusiastic teaching team and supporting staff, where the focus is always on the holistic development of every student to reach to their potential. There are a large number of extra-curricular and co-curricular activities in which all students are encouraged to participate. Our college helps students to realize their goals in life. We encourage all students to take advantage of the opportunities provided by the college and involve themselves in all the extra-curricular activities that are offered. We hope that the students make use of the facilities and become confident, intellectually bright and morally strong.

I am happy to note that the management of the college has clear and proper vision and is constantly equipping the college to attain the vision and mission of the college. I assure to newly admitted students that our college will impart quality education to you and will have bright future.

Prof. P. B. Buchade
Principal

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Maharashtra Education Society's
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About College

Founded in 1860, The Maharashtra Education Society is one of the oldest educational institutions in Pune. Formerly known as 'The Poona Native Institution', it celebrated its 150th anniversary in 2011. The Society governs 77 institutions located in Pune, Baramati, Saswad, Shirwal, Panvel, Kalamboli, Belapur, Ahmednagar, Solapur and Chiplun.

The M.E.S. College (Presently: The Abasaheb Garware College) was founded by the M. E. Society in 1945. The College was renamed in 1972 as Abasaheb Garware College after the Late Padmabhushan Dr. Abasaheb Garware. **The college is celebrating Platinum Jubilee during the academic year 2019-20.**

Abasaheb Garware College (AGC) is affiliated to the Savitribai Phule Pune University (SPPU). It is a centrally located college; spread over 8 acres of land in the heart of Pune city. The college is distinguished for its commitment to imparting high quality education with social and national wellbeing.

The college has been reaccredited (3rd cycle) and awarded “**A**” grade by the National Assessment and Accreditation Council (NAAC) in March 2016. Our college has also been awarded the “**Best College Award**” in urban category among the colleges affiliated to University of Pune (Presently: Savitribai Phule Pune University) and has also received 'Star College Scheme' from Department of Biotechnology, Govt. of India.

AGC offers undergraduate and postgraduate courses affiliated to the SPPU. A Junior college wing is also attached to the College. The college conducts classes from XIth std. to Post Graduate and Ph.D. in several subjects of both, Arts and Science streams.

The Departments of Economics, Hindi and History are recognized by SPPU as Research Centers for M. Phil. The Departments of Chemistry, Microbiology, Biodiversity, Physics, Electronic Science, Economics and Hindi are recognized by SPPU as Research Centers for Ph.D.

AGC's alumni like Dr. S.K. Gadre (Shantiswaroop Bhatnagar awardee), Dr. S. B. Ogale (Dr. N. S. Sathya Murthy awardee and B.M. Birla awardee), Dr. Yogesh Joshi and Dr. G. Balsubramaniam have been shouldering various responsibilities at the national and international levels and have brought name and fame to the college, society and the nation.

AGC has highly qualified, experienced and committed faculty who inculcate good study habits and research aptitude among students.

Following subjects are offered as principal / special subjects for Science and Humanities faculty at UG level :

Science

1. Biotechnology**
2. Botany
3. Chemistry
4. Computer Science**
5. Electronic Science
6. Industrial Microbiology*
7. Mathematics
8. Microbiology
9. Physics
10. Statistics
11. Zoology

Humanities

1. Economics
2. English
3. Geography
4. Hindi
5. History
6. Marathi
7. Political Science
8. Psychology
9. Sociology**

* This subject is Vocational and Degree is offered in the disciplines of Microbiology.

** These subjects are Non-Grant / self-financed subjects.

BCA (Science) - College also offers three year degree level course: Bachelor of Computer Applications in Science stream.

Post Graduate Courses are available for Physics, Electronic Science, Chemistry, Microbiology, Computer Science, Biodiversity and Biotechnology in the Science Faculty; and Hindi, Economics, History, Political Science, Library and Information Science, Psychology, English and Journalism and Mass Communication in the Humanities Faculty.

■ Beginning of a Bright Career at AGC

Why Science is a good option? : Gone are the days when doing B.Sc. used to be the last option for any student after higher secondary education. Over the past few years, there is a definite increase in the number of students opting for pure sciences owing to the increasing realization of good career opportunities, interest in research, new subjects and developing alternatives in pure sciences.

Which subject should I take? : On the frontiers of science throughout the world, the barriers between subjects and disciplines are melting away. A student, for example, can have a career in Biotechnology after graduating in Physics! Therefore, now, **where you study is more important than what subjects you study.**

A student should seek admission to a college that has a good academic setting, active and vibrant student life, sufficient exposure to the latest knowledge and healthy student-teacher relations. As regards to the choice of subject, the simplest and most effective advice is to opt for subjects that you like the most. **But for that merit of previous year is also considered by the college.** There are adequate career opportunities in every subject if the foundation of education is sound and strong.

Why Humanities is a good option? : Broadly defined the Humanities are the study of Human culture and behavior through art, literature, philosophy, music and languages. Humanities students build skills in writing, and critical reading. The Humanities encourage students to think creatively. They teach to reason about being human and to ask questions about our world. It helps to better understand both the past and the future and fostering a sense of empathy.

■ **Why Is Abasaheb Garware College Your Best Choice?**

A place with unique achievements Abasaheb Garware College has been reaccredited for three cycles and awarded 'A' grade by NAAC. AGC has a tradition of excellence in academics, sports and performing arts. Every educational institute is proud of the achievements of its students and teachers. What you see here is something unique, a history of achievements unparalleled by any other college in the country; research by undergraduate students being recognized by international media, flagship journals and magazines; students exploring the Antarctic as a part of the Indian Antarctic expedition; students converting their knowledge of science and technology into million dollar enterprise and many others leading and pioneering in various facets of life.

You could be one of them!!! We teach you to dream and work hard to make it a reality.

■ **What Makes it Happen?**

An active vibrant atmosphere, student-teacher relationship with the right mix of affection and professionalism, an optimum combination of freedom and discipline and above all, a spirit of achieving excellence for oneself and for the society, nation and mankind as a whole.

Highly qualified dedicated faculty that includes world renowned researchers, devoted teachers and guides are a primary asset of the college.

State-of-the-art laboratories: College has a wide variety of modern and sophisticated instrumentation devoted to research and education, funded by the University Grants Commission (UGC), DBT, BCUD as well as Department of Science and Technology (DST) and the Maharashtra Education Society. A growing interaction with industries is also contributing to the modernization of laboratories. Well-equipped research laboratories of Chemistry, Molecular Biology, Animal Tissue Culture, Computational have

been developed as a central facility for all the students and faculty. These laboratories are supported by a generator back up to ensure a continuous power supply.

Where creativity reigns supreme : Real science is not learnt from textbooks. It begins when students start asking their own questions and begin to explore the real world around to seek answers. You will find in our college, a number of co-curricular activities to encourage creativity and originality in students.

Education beyond curriculum : We believe that the curriculum is only a small part of education. Much of the education and personality development of a student lies beyond the curriculum. Sports, trekking, art, theatre and languages make science education more exciting and the life of a scientist richer. Science students here are encouraged to widen their horizons by actively contributing to these activities.

Hand-in-hand with the industry : Science and technology being pursued here has a direct link with the industry. Some of the post graduate departments collaborate in active Research and Development (R&D) and provide analytical services to the industry. Students can also participate in this endeavor and gain experience.

Placements : There are formal as well as informal placement programs including campus interviews. Statistics show that student placement profile has been gradually increasing over the years.

■ **Prevention of Ragging and Eve Teasing on the campus**

Ragging / eve teasing is a criminal offence and there will be 'zero tolerance' by the college regarding cases of ragging. Students found guilty of ragging will be severely punished. If an incidence of ragging comes to the notice of the concerned authority, the accused student will be given an opportunity to explain and if his explanation is not satisfactory, the authority will expel him/ her from the college and/or hostels and he/she will have to undergo the legal proceedings.

Supreme Court Judgment and Order regarding ragging – dated 11.02.2009, UGC Regulation, Reference: F1-16/2007CPP-II, dated April-2009

■ **National Anti-Ragging Helpline Phone number: 1800-180-5522**

Email - helpline@antiragging.in

■ **Grievance Redressal for Students**

A Grievance Redressal Committee has been constituted by the college. Students can communicate their grievances to the committee in writing, by dropping their grievance in to the drop - box placed outside the Principal's office.

Grievances should be written / printed on a full-scape / A4 size paper with name, roll number, class and division, address and contact phone number of the student.

Anonymous grievances will not be entertained.

■ Organ Donation

As per the directive and request from the Minister for Public Health and Family Welfare, Govt. of Maharashtra, letter No. CS/JBVC/13/(7861)1792, dated 15.06.2013, and Savitribai Phule Pune University Circular No. { विक्रम 2014-15/1027, dated 26.02.2015, our college has decided from the academic year 2016-2017 onwards to implement the incorporation of organ donation pledges on students' Identity Card. We have taken this decision since we are of the strong belief that incorporating the organ donation pledges on students' identity cards will be an effective step not only in promoting organ transplantation, but in inculcating a sense of social responsibility among the student community.

■ Prevention of Sexual Harassment of Women on the college campus (Nirbhaya)

A committee for Prevention of Sexual Harassment of Women on the college campus has been constituted by the college. Students can communicate their grievances to the committee in writing, by dropping their grievance into the drop-box placed in the Ladies Room and the one near the watchman's post.

Complaints should be written / printed on full-scape / A4 size paper with the name, roll number, class and division, address and contact phone number of the student.

Anonymous complaints will not be entertained.



AGC Junior College

■ Admission

A student seeking admission to F.Y.J.C. class must have passed S.S.C. examination of Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE) or its equivalent with necessary subjects.

Rules for admission to F.Y.J.C. and S.Y.J.C. are as laid down by the State Government of Maharashtra from time to time.

■ Eligibility

Students, seeking admission to F.Y.J.C. / S.Y.J.C. class who have passed equivalent examination from Boards other than Maharashtra State Board must apply for the eligibility to the M.S.B.S.&H.S.E. Submission of final eligibility certificate is the responsibility of the student. Admission is likely to be cancelled if he/she fails to produce the same in time. Students should check the last date for submission of eligibility form and abide by it.

■ Documents Required at the Time of Admission

1. Original school leaving certificate of the last school attended.
2. Original mark sheet (s) and its attested photo copy.
3. Original caste certificate by competent authority and its attested photo copy.
4. Final or provisional eligibility certificate if passed from board other than Maharashtra state.

Admission is finalized only when all the necessary documents are submitted and necessary fees are paid.

■ Attendance

As per the rules of H.S.C. Board, Pune, students have to attend regular classes and at least 75% lectures and practical to appear for F.Y.J.C and S.Y.J.C examinations.

■ Re-terminal / Re-annual Examination

The Students are not able to appear for certain subject examination or complete examination on medical / sports grounds, must apply for the re-examination immediately, must provide a medical certificate of a registered medical practitioner.

■ Sports / Health and Physical Education

Physical education is compulsory for the students of junior college. The students have to attend physical education for two periods per week. The uniform for boys is navy blue full-pant and white half-sleeved T-shirt with white canvas shoes. The uniform for girls is white salwar - kameez with white canvas shoes. Students claiming exemption in P.T. on medical grounds should produce a certificate issued by a registered medical practitioner. The Principal has the right to award a suitable punishment to the students who fail to attend required number of P.T. parades without prior permission. P.T. examination is compulsory to all the students including those who have been exempted from attending P.T. / have joined NCC.

Students can participate in various sports competitions like football, basket-ball, table-tennis, kabaddi, volleyball, kho-kho, badminton, judo, lawn tennis, wrestling, chess, malakhamb, gymnastics, swimming, water-polo and field events like cross-country, hand ball and cricket etc. organized by the District Sports Officer. Students showing excellence in these events may get sports scholarship. According to rule No. 99 of Maharashtra State Board of Secondary and Higher Secondary Education, a student can get benefit of 25 grace marks in H.S.C. Examination if he / she has participated at State / National level.

Inter class competitions in various sports are also organized by the college. One regular feature of the college is Late Nandu Marathe Body Building Competition organized on 29th August every year.

■ Scholarships and Freeships

Sr. No.	Type of scholarship	Necessary Eligibility	Documents Required
1.	B. C. Scholarship	1. Reserved Category 2. Annual income of parents less than SC Rs.1,00,000/- ST Rs.1,08,000/- NT / OBC / SBC Rs. 65290/-	i) Caste Certificate ii) Mark-List ii) School Leaving Certificate iv) Father's Income Certificate
2.	B.C.Scholarship Renewal	As above	i) Caste Certificate ii) Mark-List
3.	B. C. Freeship	Annual income more than SC Rs.1,00,000/- ST Rs.1,08,000/- NT/OBC/SBC Rs. 65290/-	i) Caste Certificate ii) Mark-List iii) School Leaving Certificate
4.	P.T.C./S.T.C	Mother or Father should be Primary or Secondary Teacher in aided school of Maharashtra Govt. only	i) Service Certificate of school ii) Education officer's signature
5.	Ex-Servicemen / Servicemen	Ward of Ex- service men / Servicemen from welfare office	i) Application form along with Certificate
6.	Freedom Fighter	Certificate from Government of Maharashtra	i) Mark-List ii) Certificate from Government of Maharashtra
7.	E.B.C	Annual income less than Rs. 15000/-	i) Income certificate from special Tahasildar, Magistrate if father is in business or a farmer
8.	Other Scholarship Renewal	If Scholarship granted for previous year	i) Attested Xerox copy of Mark-List
9.	Girl's concession	Only for F.Y.J.C. and S.Y.J.C. Junior college girls	i) Duly signed undertaking by Father/guardian

Note :

1. All the documents submitted with the application must be attested.
2. Application forms are available in Accounts Section of the college.
3. At least 75% attendance is necessary for awarding the scholarship or freeship.
4. To renew the freeship, fresh application must be submitted by the student 30 days after the date of admission in the college. Otherwise students will have to pay full amount of the fees.
5. For renewal of freeship or scholarship, attested photo copy of latest mark-sheet should be attached with the application form.

■ Science Faculty: Subjects Taught and Intake Capacity

Subjects		Subjects offered with Vocational Subjects	Intake capacity
Compulsory	English Physics Chemistry EVS	English Physics Chemistry EVS	640
Optional	1. Hindi / German / Sanskrit / Marathi (select any one)	1) Electrical Maintenance	18
		2) Mechanical Maintenance	18
	2. Biology / Geography (Marathi or English Medium with Limited seats) / Mathematics (select any two)	3) Scooter and motorcycle repairs	14
		4) Electronics (Aided)	25
		5) Electronics (Non Grant Basis)	75
		6) Computer Science (Non Grant Basis)	50

For vocational subjects except Electronics (Non Grant Basis) and Computer Science (Non Grant Basis) the classes and practical are held in Govt. Tech. High School, Ghole Road, Pune - 411 005.

■ Arts Faculty: Subjects Taught

Compulsory Subject	English
Optional (only Marathi medium)	1. Hindi / Marathi (Select any one) 2. Economics / Geography / Politics (Select any two) 3. Sociology / Library Science (Select any one) 4. Psychology / History (Select any one)

- Each student has to opt any **5 subjects** out of the total combinations offered by college.
- English is compulsory for all students.

■ Change in Subject or Faculty

Once admitted, students are not allowed to change their faculty. Subjects which are selected for F.Y.J.C. will be continued in S.Y.J.C.

■ Timings of Classes

Class	Theory	Practical
F.Y.J.C. (Science)	11.10 a.m. to 6.00 p.m.	8.30 a.m. to 11.00 a.m.
S.Y.J.C. (Science)	11.50 a.m. to 6.00 p.m.	3.10 p.m. to 6.10 p.m.
F.Y.J.C. and S.Y.J.C. (Arts)	7.30 am to 12.35 p.m.	-----

■ Rules of Passing F.Y.J.C. (Science)

Every student will be assessed in each subject chosen by him/her in the following way :

Section	Details	Maximum Marks (For Physics, Chemistry, Mathematics, Biology, Languages)	Bifocal (vocational) subjects
A	Unit Test I & II	50 (25 each)	—
B	Terminal examination	50	100
C	Annual examination	100	100
	Total Marks	200	200

■ Rules of Passing F.Y.J.C. (Arts)

Every student will be assessed in each subject chosen by him/her in the following way:

Section	Details	Maximum Marks
A	Unit Test I & II	50 (25 each)
B	Terminal examination	50
C	Annual examination	100
	Total Marks	200

- To pass a student of both faculties Arts and Science has to obtain an average of **35 marks** in each subject.
- **A student must appear for all examinations - unit tests, terminal and annual - conducted during the academic year.**



AGC Senior College Science Faculty

■ Degree Courses

F.Y.B.Sc. (Science, Computer Science, Biotechnology) and F.Y.B.C.A. (Science)

Eligibility: Higher Secondary Certificate (HSC) / 12th std. or equivalent in Science from any recognized Board of Education in India.

■ Subjects offered

Students can opt for any four science subjects in the following subject combinations.

Subject Combination	Subjects required at 12 th Std.	Total Seats available	Admission criterion	Division
1. General Science (Grant-in-Aid course)				
P,C,M,S	PCM	135	By Merit	A or B
P,C,M,E/ P,M,S,E	PCM	105	By Merit	B
P,C,B,Z	PCB	120	By Merit	C or D
C,B,Z, Psy *	PCB	40	By Merit	D
C,B,Z,Mi	PCB	40	Merit based on PCB total	D
Mi, IM,C,Z/B	PCB	40	Merit based on PCB total	D

Subject Combination	Subjects required at 12 th Std.	Total Seats available	Admission criterion	Division
2. Computer Science (Non Grant Course)	PCM	80	Merit based on PCM total	CS
3. Biotechnology (Non Grant Course)	PCB	45	Merit based on PCB total	BT
4. B.C.A (Science) (Non Grant Course)	12 th Science	80	By Merit	BCA

* Students can opt for Psychology (Psy) as one the four subjects. **However, Psychology is taught only at the F.Y.B.Sc. level for the Science stream.**

■ How to Apply?

a) For F. Y. B. Sc. General Science Subjects

The on-line application forms will be available on the college website www.mesgarwarecollege.org immediately after the declaration of the 12th std. results of Pune Board. Students have to fill online merit forms first. The merit list will be displayed online. Selected students have to fill **Vridhhi** admission form.

The duly filled application forms will be checked and collected by the college authorities and admissions given accordingly. The details of admission procedure will be put up on the college notice boards and the college website at the time of the admission.

b) F.Y. B. Sc. General Microbiology / Industrial Microbiology

After getting admission to F.Y.B.Sc PCBZ or Psy.CBZ group, student can apply for Microbiology. Admissions to **Microbiology are by merit of CBZ group.**

Students admitted for Industrial Microbiology will have to pay extra laboratory fee each year in addition to the regular fees.

■ Course structure

Course	Total no.of theory papers	No. of lectures/ week/paper and duration (min.)	Total no. of practical per week and duration (hr)
F.Y.B.Sc. (General)**	8	SPPU is implementing new structure and syllabus from the academic 2019-20. It will be available on SPPU website in June 2019.	
F.Y.B.Sc. (Biotech)**	8		
F.Y.B.Sc. (Comp.Sci.)**	8		
F.Y.B.C.A.** (Science)	4		

** Credit system

S.Y.B.Sc. (Science, Computer Science, Biotechnology) and S.Y.B.C.A. (Science)

■ Subjects offered

Compulsory subject: Any one language (English / Marathi / Hindi) and Environmental Awareness Course (EVS)

A student can opt for any three subjects out of four subjects offered at F.Y.B.Sc, with the exception of Psychology. There are equal numbers of seats for Zoology and Botany.

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

1	Physics, Chemistry, Mathematics
2	Physics, Mathematics, Statistics
3	Physics, Mathematics, Electronics
4	Chemistry, Mathematics, Electronics
5	Chemistry, Mathematics, Statistics
6	Physics, Chemistry, Electronics
7	Physics, Chemistry, Zoology
8	Physics, Chemistry, Botany
9	Chemistry, Botany, Zoology
10	Chemistry, Zoology, Microbiology
11	Chemistry, Botany, Microbiology
12	Chemistry, Microbiology, Industrial Microbiology

	Special Courses
1	Computer Science – subjects as prescribed
2	Biotechnology – subjects as prescribed
3	Bachelor of Computer Science (B.C.A (science)) - subjects as prescribed

■ **Mandatory Environmental Awareness Course**

Environmental awareness is a compulsory subject for S.Y.B.Sc Passing this subject is compulsory. Course will be conducted as per timetable.

Field visit: In second term

Attendance and Report of Field visit: 25 marks

Written examination: 75 marks

■ **How to Apply?**

The online application forms will be available on the college website www.mesgarwarecollege.org immediately after the results of F.Y. B. Sc. are declared by the college. The duly filled application forms will be checked and collected by the college authorities and admissions will be given accordingly. The details of admission procedure will be displayed on the college notice boards and the college website at the time of admission.

Provisional Admission will not be given to any student.

■ **Course structure**

Course	Total no.of theory papers/ semester	No. of lectures/ week/paper and duration (min.)	Total no. of practical per week and duration (hr)
S.Y.B.Sc. (General)	7	4 (48)	3 (3:20)
S.Y.B.Sc. (Biotech)	7	5 (48)	2 (3:20)
S.Y.B.Sc. (Comp. Sci.)	7	4 (48)	4 (3:20)
S.Y.B.C.A.** (Science)	4	5 (45)	4 (3)

** **Credit system**

- For the language there is one theory paper of four lectures.

T.Y.B.Sc. (Science, Computer Science, Biotechnology) and T.Y.B.C.A. (Science)

■ Subjects offered

The students offering Electronic Science / Physics as principal subject, have to complete one project in the principal subject *in lieu* of one practical course.

■ How to Apply?

Students have to fill preference form to opt particular subject. **As per the merit and availability of seats, merit list will be displayed.** The online application forms will be available on the college website www.mesgarwarecollege.org immediately after the results of S.Y.B.Sc. are declared by the SPPU. The duly filled application forms will be checked by the Head of the Department of the Principle subject that the student has opted for, after which the admission to the college will be granted. **Students, who have not passed in all subjects at their F.Y.B.Sc. examinations, will not be granted admission to T.Y.B.Sc.** The details of admission procedure will be displayed on the college Notice Boards and college website at the time of admissions.

For the admission discretion of principal is final.

Provisional Admission will not be given to any students.

■ T.Y.B.Sc. Courses

Course	Total no.of theory papers Semester	No. of lectures/ week/paper and duration (min.)	Total no. of practical per week and duration (hr)
T.Y.B.Sc. (General)	6	4 (48)	3 (3:20)
T.Y.B.Sc. (Mathematics)	6	4 (48)	2 + 1 (3:20)
T.Y.B.Sc. (Biotech)	3	5 (48)	2 (3:20)
T.Y.B.Sc. (Comp. Sci.)	6	4 (48)	3 (3:20)
T.Y.B.C.A.** (Science)	5	5 (45)	4 (3)

** Credit system

For the details regarding optional subjects available in the respective subjects, students should contact heads of respective departments.

■ UGC Vocational Course: Industrial Microbiology

The vocational course in Industrial Microbiology framed by the University Grants Commission (UGC) has been conducted in our college from the academic year 1999-2000. Ours is the only college affiliated to the SPPU that offers this course presently.

This three year vocational subject can be opted for by the students who have passed the 12th std. science examination. **MCVC students are not eligible for this course.**

■ **Highlights of the Course**

A wide variety of applications of Microbiology in industry, including fermentation technology, pollution control technology, plant and animal tissue culture methodology, and biomedical technology are taught.

This course is taught by experienced teachers in the field and various professionals from industry. It is designed to give the conceptual and working knowledge of techniques relevant to contemporary industrial practices.

A student specializing in this subject is required to complete 3-5 weeks of industrial training programme in a microbiological / biotechnological industry. This training is conducted during the summer vacation between the completion of second year and the commencement of the third year of the under graduate programme.

The course has one paper on *Entrepreneurship Development* at the T.Y.B.Sc. level.

The three year vocational subject can only be opted for by students taking Microbiology as their principal subject, having offered Industrial Microbiology at the F.Y.B.Sc. and S.Y.B.Sc. levels.

The number of seats for this course is 40, and students are admitted on the basis of merit. Rules of merit and distribution of seats is as per the rules and regulations of the SPPU / State Government.

Students admitted for the above vocational course will have to pay extra laboratory fee in addition to the regular fees, each year.

■ **How to Apply?**

For admission to the F.Y.B.Sc. Industrial Microbiology, the application forms will be available immediately after the results of the 12th std. results (Pune Board). The duly filled application forms will be checked and collected by the college authorities and admissions will be given accordingly. The details of admission procedure will be displayed on the College Notice Boards during the period of admissions. For the S.Y.B.Sc. and T.Y.B.Sc. admissions will be given as per the procedure outlined for the other B.Sc. courses.

■ **Examination of Undergraduate Courses**

From the academic year 2019-20 Choice Based Credit System (CBCS) will be implemented to F.Y.B.Sc. by SPPU. Examination will be conducted by the college in two semesters, as per the guidelines of SPPU. There will be a University

examination of 35 marks for each theory paper and practical at the end of each semester. 15 marks for each theory/practical course are allotted for internal assessment.

The **S.Y.B.Sc. and T.Y.B.Sc. theory courses are organized in two semesters.** There is a university examination of 40 marks for each paper at the end of each semester. 10 marks for each theory course are allotted for internal assessment. There will be internal assessment of 20 marks for each theory paper (converted into 10 marks) based on examinations conducted during the first and second terms.

The schedule of the internal assessment exams will be notified well in advance. All students must appear for the Internal Examination conducted by the college. These examinations are compulsory, since the marks obtained by the student in these examinations have to be submitted to the University. These tests shall comprise of multiple-choice questions, True or False type questions, basic definitions, two-line answers and computational problems involving minimal calculations. As per the rules and regulations of SPPU, **no re-internal exam will be conducted for any UG class.**

For practical courses, an examination of 80 marks will be conducted by SPPU at the end of the academic year for S.Y.B.Sc. and T.Y.B.Sc.; and 20 marks will be allotted for internal assessment based on daily performance, journal, oral and written tests that the laboratory instructors may conduct from time to time.

- Students must procure a minimum of 20 marks out of the total of 50 marks - University Semester Exam and Internal Exam (i.e. 40 + 10 marks) for passing.
- Separate passing in Internal Marks (10 marks) is not compulsory.

■ **Post Graduate Courses**

All M.Sc. courses are of two years duration after the corresponding Bachelor's degree. The M.Sc. course consists of four semesters, with examinations at the end of every semester as per the circular issued by the SPPU. Choice Based Credit (CBCS) and Semester System will be implemented for all Post-Graduate Courses from the academic year 2019. **Details of the syllabi and examination pattern can be obtained from the SPPU website: <http://www.unipune.ac.in>**

The course structure and examination pattern for each course varies with the subject. Detailed timetables and course structures are available at the respective departments. **College timings for postgraduate classes will be separately notified by the respective departments.**

■ Admissions for Postgraduate Courses

Subject	Eligibility	Total Seats available	Admission criteria	Grant Status
M.Sc Microbiology	B.Sc. Microbiology	24	Entrance test	Grant-in-Aid
M.Sc Organic Chemistry	B.Sc. Chemistry	24	Merit Based	Grant-in-Aid
M.Sc Analytical Chemistry	B.Sc. Chemistry	24	Merit Based	Non-Grant
M.Sc Physics	B.Sc. Physics	24	Merit Based	Non-Grant
M.Sc Biodiversity	B.Sc. or equivalent	24	Entrance test	Non-Grant
M.Sc Computer Science	B.Sc. Comp. Sci.	60	Entrance test	Non-Grant
M.Sc Biotechnology	B.Sc. Biotechnology	24	Merit Based	Non-Grant
M.Sc Electronic Science	B.Sc. Electronic Sci.	24	Merit Based	Non-Grant

■ How to Apply?

For courses where students are admitted on the basis of Entrance Tests, the departments notify the procedures on the College Notice Boards and the College website.

Courses for which admissions are given directly on the basis of marks obtained at T.Y.B.Sc. level, the application forms will be available on College website. Students will have to fill the application forms on-line and pay the application form fees on-line. The department will collect the applications, prepare and display merit lists and admissions will be given depending on distribution of seats. The application forms for these courses will be available after the results of T.Y.B.Sc. are declared.

The duly filled application forms will be checked and collected by the college authorities and admissions will be given accordingly. The details of admission procedure will be displayed on the College Notice Boards during the period of admissions.

Application forms and admission procedure details are posted on the College website.

■ PG Course in Biodiversity

M.Sc. in Biodiversity is the unique and only course in SPPU conducted by AGC. Annasaheb Kulkarni, Department of Biodiversity imparts 'borderless education' to the students by the way of 'experimental learning' process. It has a strong research focus with grass-root linkages. The research is supported by prime agencies such as Ministry of Environment and Forests (MoEF, GoI), Department of Science & Technology (DST, GoI), Indian Space Research Organization (ISRO-UoP), Department of Biotechnology (DBT, GoI), SPPU to name a few. Promotion of out of the box thinking has helped students reach higher echelons in their life as evident by Antarctic Expedition, Darwin Scholarship, Harvard Field Course at Borneo, Asian Geographic Photography prize etc.

■ Eligibility Criteria for M.Sc. Biodiversity:

- a. Bachelor in - Science (any branch) / Agriculture / Fisheries / Pharmacy / Forestry / Medicine / Engineering (any branch) with minimum 50% of marks
- b. Clearing the entrance examination

Arts Faculty

■ Degree Course

Eligibility : Higher Secondary Certificate (HSC) / 12th std. or equivalent as per rules of SPPU.

The medium of instruction for B.A. is Marathi and English as well.

Following subjects are taught in this college on special level:

Special Level: English, Marathi, Hindi, Psychology, Political Science, Economics, History, Geography, Sociology

Along with above subjects, the following subjects are taught on general level:

General Level: Education, Logic and Philosophy

■ First Year Bachelor of Arts (F.Y.B.A.)

Students have to choose six subjects from the subjects mentioned below. The students should choose the subjects carefully as the special subjects at S.Y.B.A. and T.Y.B.A. are to be chosen from the subjects chosen at F.Y.B.A. level. Students who wish to offer English special at S.Y.B.A. and T.Y.B.A. level, will have to choose Optional English at F.Y.B.A. level, in addition to compulsory English. The subjects made available in the college are as follows :

■ Subjects offered

Division			
A Marathi Medium	B Marathi Medium	C Marathi Medium	D English Medium
Compulsory English			
Marathi /Hindi (Second Language)		Optional English / Hindi / Marathi (Second Language)	
Any four of the subjects mentioned below			
1. Politics/ Philosophy 2. History/Opt. English / Education 3. Geography/ Psychology 4. Sociology / Logic 5. Economics	1. History/ Philosophy 2. Geography/ Politics 3. Psychology/ Economics 4. Sociology/ Logic 5. Opt. Eng./ Education	1. Economics 2. Politics 3. Sociology 4. Psychology 5. History 6. Geography 7. Opt. English	1. Economics 2. Politics 3. History 4. Geography 5. Psychology 6. Sociology 7. Opt. Eng If sufficient no. of students are not available for the subject, in that case, another subject will be allotted as per Government circular

Students have to select six subjects of any one of the divisions mentioned above. Division C and D are non-grant divisions.

■ How to Apply?

The on-line application forms will be available on the college **website** www.mesgarwarecollege.org immediately after the declaration of the 12th std. result of Pune Board. Students have to fill online merit forms first. The merit list will be displayed

online. Selected students have to fill **Vridhhi** admission form. The duly filled application forms will be checked and collected by the college authorities and admissions given accordingly. The details of admission procedure will be put up on the college notice boards and the college website at the time of the admission.

Subject choice for first year will be on the basis of eligibility rules of SPPU.

■ Second Year Bachelor of Arts (S.Y.B.A.)

● Subjects offered

Students have to select the subjects as per the following conditions:

1. English as a compulsory subject
2. Any three subjects chosen at F.Y.B.A. level

Out of these three subjects, one subject will be at the special level and the other two at general level. Students will have to study two papers (S1 and S2) of special subject and three general papers out of which one will be of special subject.

Division		
A Marathi Medium	B Marathi Medium	C English Medium
Compulsory English		
<p>Any one subject on special level : Marathi, Hindi, English, Economics, Politics, Psychology, Geography, History, Sociology Other than the special subjects, any two papers at the general level. The subject combination for general level are as follows:</p> <ol style="list-style-type: none"> 1. Marathi 2. Hindi / Economics 3. History 4. Psychology / Geography 5. Politics / Opt. English / Education 6. Sociology / Logic 7. Philosophy 		<p>Any one subject on special level : Economics, Psychology Politics, Opt. English, History, Geography, , Other than the special subjects, any two papers at the general level. The subject combination for general level are as follows:</p> <ol style="list-style-type: none"> 1. Economics 2. Politics 3. History 4. Geography 5. Opt. English 6. Psychology

If sufficient no. of students are not available for the subject, in that case, another subject will be allotted as per Government circular. In that case students' merit and preference will be considered.

Students have to fill preference form to opt particular subject. **As per the merit and availability of seats, merit list will be displayed. College has full authority to change admission process time to time.**

■ **Mandatory Environmental Awareness Course**

Environmental awareness is a compulsory subject for S.Y.B.A. Passing this subject is compulsory. Course will be conducted as per timetable.

Field visit: In First / Second term

Attendance and Report of Field visit: 25 marks

Written examination: 75 marks

■ **How to Apply?**

Students have to fill preference form to opt particular subject. **As per the merit and availability of seats, merit list will be displayed.** The online application forms will be available on the college website www.mesgarwarecollege.org immediately after the results of F.Y.B.A. are declared by the SPPU / College. The duly filled application forms will be checked by the Head of the Department / college authorities, after which the admission to the college will be granted. The details of admission procedure will be displayed on the College Notice Boards and college website at the time of admissions.

For the admission discretion of Principal is final.

■ **Third Year Bachelor of Arts (T.Y.B.A.)**

● **Subjects offered :**

The students have to offer those six subjects which they had offered in S.Y.B.A. The subjects will be continued in T.Y.B.A. and are as follows:

1. Compulsory English
2. Special Level Subject: G3, S3 and S4
3. General Level Subjects: G3, G3

■ **Post Graduate Courses**

All PG courses are of two years duration. Admission to PG courses will be given according to the rules and regulations of SPPU. As per the circular issued by the SPPU, Choice Based Credit System (CBCE) has been implemented for all Post-Graduate Courses from the academic year 2019-2020. Details of the syllabi and examination pattern can be obtained from the SPPU website: <http://www.unipune.ac.in>.

■ **Admission for Postgraduate Courses**

For more information on Syllabus and examination pattern please look up the website of SPPU <http://www.unipune.ac.in>.

Course	Total Seats Available	Admission Criterion	Grant Status
MA Economics	60	Merit based	Grant-in-Aid
MA Hindi	60	First come first served based	Grant-in-Aid
MA Political Science	60	Merit based	Non-Grant
MA History	60	Merit based	Non-Grant
MA Psychology	24	Merit based	Non-Grant
MA English	60	First come first served based	Non-Grant

■ How to Apply?

Students have to fill merit / application form to opt particular subject. As per the merit, list will be displayed excluding English and Hindi. The online application forms will be available on the college website www.mesgarwarecollege.org immediately after the results of T.Y.B.A. are declared by the SPPU. The duly filled application forms will be checked by the Head of the Department / college authorities, after which the admission to the college will be granted. The details of admission procedure will be displayed on the College Notice Boards and college website at the time of admissions.

■ M.Phil./ Ph.D. Programs

The Departments of Chemistry, Microbiology, Biodiversity (Environmental Science), Physics, Electronics Science are recognized Ph.D. centers of the SPPU. Economics and Hindi are research centers for M. Phil. and Ph.D. Students can also take M.Phil. degree from the History department.

■ Library and Information Science (B.Lib.I.Sc. and M.Lib.)

Library Science is an act of managing, maintaining and preserving information using sources of information technology and education. B.Lib. and M.Lib. are one year and two year UG and PG courses respectively to avail degree in library science.

Course	Eligibility	Duration	No. of seats
B.Lib.	A graduate from any faculty with a minimum Higher Second Class at the degree level	1 year	30
M.Lib.	A candidate with B.Lib.I.Sc.	1 year	24



Office Bearers: From left to right: Vice Principal Dr. Ankur Patwardhan, Supervisor - Jr. College Ms. Smita Kulkarni, Ex. Vice Principal - Jr. College A. J. Bhadane , Vice Principal Dr. Sunita Bhagwat, Principal Prof. P. B. Buchade, Registrar Shri. K. J. Sable, Vice Principal Ms. Chitra Nagarkar, Vice Principal Dr. P.D. Sonawane



College Development Committee (CDC)

From left to right: Dr. Karuna Pardeshi, Shri. Deepak Yadav, Dr. Prafulla Shede, Shri. G.R. Dhanawale, Principal Prof. P. B. Buchade, Vice Principal Dr. Ankur Patwardhan, Dr. S.M. Rathod, Dr. Chetana Desai



AGC Senior College Science Faculty



AGC Junior College Science and Arts Faculty



AGC Senior College Arts Faculty



Rice plantation by NSS students



NCC Parade inspection on Republic Day by Principal Prof. P. B. Buchade and GCC Principal Dr. Anand Lele



Annual Sports Prize Distribution



Street Play by Youth Red Cross on HIV AIDS Awareness

The tuition fees, examination fees, passing standards etc. for both the courses are as per rules of SPPU. The detailed syllabi are available on: www.unipune.ac.in.

■ **DDU “KAUSHAL” Kendra**

Deen Dayal Upadhyay KAUSHAL Kendra, a remarkable scheme initiated by the Government of India and the University Grants Commission aims at transforming India into the skill capital of the world. This program is intended to provide skill development training that focuses on quality, sustainability and skill proficiency in connection with Industry Partners in the relevant skill. As part of the plan, it envisions to produce state of the art Training Centers all over India.

AGC is among the first few institutions in the country to be awarded with this scheme and takes great pride in being the pioneers in the skill development initiative. Earlier we have received the grant from UGC to launch ambitious project ‘Deen Dayal Upadhyay’ Centre for Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood (KAUSHAL) - DDUK.

■ **Courses offered per B. Voc programm**

1. Mass Communication
2. Media Convergence
3. Beauty and Wellness

Intake Capacity : 50 per course

■ **Eligibility**

Passed 10 + 2 or equivalent examination in any stream and of any board

1. **Mass Communication and Media Convergence**

It is considered as one of the fastest growing sectors in India. Along with sharing of information, this is fast emerging in entertainment, education, science and many other fields related to human life. Mass communication is successfully using the tool of media to connect people worldwide for enrichment of human life. This field has generated numerous career opportunities for the youths. Opportunities in Radio, Television, New Media, Advertising, Event Management, Public Relations, Publication business etc. not only assure a promising career but also give immense satisfaction through creativity and scope for entrepreneurship.

2. **Beauty and Wellness**

The beauty and grooming industry in the country is booming, owing to the growing desire among both men and women to look stylish and feel good.

Beauty and wellness has 5 sub-segments: Salons and Beauty Center, Rejuvenation, Fitness and Slimming, Alternate Therapy and Treatment, and Product Consolation and Counter Sales. Objectives of the course are to develop the capabilities and knowledge and skill in all the above mentioned areas.

■ Examination (Semester Pattern)

The credit system pattern is followed for the examination.

■ Autonomous Courses

1. Certificate Course on Mathematical Software

R-software, Python supports for matrix calculations. R-software, Python are used in data analytic, machine learning, cloud computing etc. It is widely used in IT industries. It helps students for their placement in industries.

Eligibility : 12th Science and above

Duration : 3 Months

Days and Timings : Twice a week

Medium : English

For further details please contact the Coordinator, Anita Watekar, Department of Mathematics, e-mail id: anita7783@gmail.com

2. Certificate Course in Basic Chronobiology

The course is important in drug research and in designing personalized treatment. It also helps to improve the personal efficiency. An autonomous certificate course, jointly organized by Department of Biotechnology, MES' Abasaheb Garware College, Pune and Institute of Chronobiology Education and Research (ICER) Pune.

Eligibility : B.Sc. and above

Duration : 3 Weeks

Days and Timings : Monday to Friday: 5.00 pm to 7.00 pm

Medium : English

For further details please contact the Coordinator, Dr. Madhura Damle, Department of Biotechnology, e-mail id: madhura.damle@mesagc.org

3. Short Term Course on “Water: The Elixir of Life”

Urbanization have increased the water pollution hence it has become necessary to analyze water for its utility for house-hold purpose. Owing to this concern the present workshop aims to provide basic understanding about the analysis of various chemical and physical properties that can be measured using various instruments.

Eligibility : B.Sc. and above
Duration : 1 Week
Days and Timings : Daily: 10.00 am to 2.00 pm
Medium : English

For further details please contact the Coordinator, Dr. Preeti Kulkarni, Department of Chemistry, e-mail id: preeti.kulkarni@mesagc.org

4. Certificate Course in Professional Painting Contracting

Decorative and protective applications of paints and coatings have become the everyday part of our life. Residential and commercial premises, government and private buildings, metal as well as wooden furniture's, roads and number of surfaces need a regular maintenance of paintings. This business recorded a constant growth and also considered to be a good margin sector. This course covers the fundamental understanding and the depth of painting business in rural and urban Indian market. This course covers each and every details of Painting business, which will lead someone to start with professional method. We look forward to train the positive minds in becoming successful painting contractors.

Eligibility : B.Sc. and above
Duration : 2 Months (First week of August 2019 onwards)
Days and Timings : Twice a Week: 6.00 pm to 8.00 pm.
Medium : English /Marathi

For further details please contact the Coordinator, Dr. Vijay Kasture, Department of Chemistry, e-mail id: vijaylmk@gmail.com

5. Certificate Course in Plasma Based Industrial Coatings

This course aims to study of high and ultra-high vacuum equipment for laboratory and industrial applications viz. physical vapor deposition with special reference to plasma based processes like sputtering, plasma assisted CVD, plasma treatment, reactive ion etching, pulsed plasma ion nitriding technology. Course covers the basics of vacuum technology and thin film technology along with demonstrations at various companies. MILMAN specializes in offering complete solutions in the field of Thin Films, Plasma Processing and associated Technologies. Using the expertise of MILMAN, a major player in state-of-the-art Thin Film Equipment and Plasma Process, Department of Physics, Abasaheb Garware College, Pune will be jointly conducting this course.

Eligibility : UG, PG, Research students of Physics and Electronics, industry people
Duration : 3 Months (July to September)
Days and Timings : Twice a week, Monday and Thursday, 6.00 pm to 8.00 pm
Medium : English

For further details please contact the Coordinator, Dr. Sunita Bhagwat, Department of Physics, e-mail id: smb.agc@gmail.com

6. Certificate Course in Embedded System Design Using Microcontroller

Embedded systems are playing important roles in our lives every day, even though they might not necessarily be visible. Embedded system is a rapidly growing industry where growth opportunities are numerous. Embedded programming is basic for any system to work properly. It is important for an embedded programmer to be familiar with the programming interface of the systems. This course prepares you to understand the field of embedded programming. You will learn the type of memory that developer choose for embedded programming. You will also be trained to write code for embedded software using simulator.

Eligibility : 12th Science. and above

Duration : 30 Hours

Days and Timings : Weekends

Medium : English

For further details please contact the Coordinator, Dr. Supriya Patil, Department of Electronics, e-mail id: patilss121@gmail.com

7. Summer Internship on Nanotechnology for B.Sc. students

This course will enable the student to learn practical skills with basic competence of nano technology and they will be acquainted with promising industrial aspects of nanotechnology.

Eligibility : All B.Sc. Students.

Duration : 10 Days

Days and Timings : Daily, 10. 00 am to 5.00 pm

Medium : English

For further details please contact the Coordinator, Dr. Shobha Waghmode, Department of Chemistry, e-mail id: sin2019.mes@gmail.com

8. Summer Internship on Nanotechnology for M.Sc. I/II Year students

This course will enable the student to learn practical skills with advanced competence of nano technology and they will be acquainted with promising industrial aspects of nanotechnology.

Eligibility : B.Sc. and above

Duration : 30 Days

Days and Timings : Daily 10.00 am to 5.00 pm.

Medium : English

For further details please contact the Coordinator, Dr. Shobha Waghmode, Department of Chemistry, e-mail id: sin2019.mes@gmail.com

9. Certificate Course in Isolation and Synthesis of Flavors and Fragrances

This is an interdisciplinary course, which will enable the student for quality isolation / synthesis of different natural and artificial aromas with flavors. Students will develop an industrial skill set to opt an employment in industry or be an entrepreneur.

- Eligibility** : Any Graduate
Duration : 6 Months
Days and Timings : Daily Evening: 5.00 pm to 7.00 pm..
Medium : English

For further details please contact the Coordinator, Dr. Shobha Waghmode, Department of Chemistry, e-mail id of coordinator: sin2019.mes@gmail.com

10. Certificate course in Animal Cell Line Study

The cell line study especially of mammalian cells is of key factor for understanding and scientific investigation of various chemicals/drugs/biomolecules effect on mammalian physiology. The effect of pathogenic bacteria to study the pathogenicity determinants, adhesion and adhesion inhibition of pathogen by probiotic bacteria is also a basic need to prove the probiotic characteristic as per WHO-FAO guidelines for probiotics. Students thus need the basic skills of handling and growing the cell line.

- Eligibility** : B.Sc. and above
Duration : 1 Week
Days and Timings : Daily; 10.00 am to 4.00 pm.
Medium : English

For further details please contact the Coordinator, Dr. Rajan Walhe, Department of Microbiology, e-mail id: rawalhe@rediffmail.com

11. Certificate Course in Data Analysis using R software

Data Analysis is a process used to inspect, clean, transform and remodel data with a view to reach to a certain conclusion for a given situation. This is essential because analytics assist humans in making decisions more scientific and help businesses operate more effectively. Data Analysis is used in different business, science, and social science domains.

R performs a wide variety of functions, such as data manipulation, statistical modeling, and graphics. One real big advantage of R, however, is its extensibility. R has packages covering a wide range of topics such as econometrics, finance, and time series. R has best-in-class tools for visualization, reporting, and interactivity, which are as important to business as they are to science

- Eligibility** : B.Sc. and above
Duration : 3 Months
Days and Timings : Twice in Week, (Friday and Saturday). Morning
Medium : English

For further details please contact the Coordinator, Dr. Nanda Rajput, Department of Statistics, e-mail id: nandarajput@yahoo.com

12. Certificate Course in Plant Tissue Culture

Plant tissue culture is collection of experimental methods of growing large number of isolated cells or tissues of plant origin under sterile and controlled conditions. Plant tissue culture is a practice used to propagate plants under sterile conditions often to produce clones of a plant. The workshop is designed to provide the same through theory sessions and Laboratory exercises.

- Eligibility** : 12th Sci. and above, Faculty of Life Sciences, Industry
Professionals and Individuals willing to start their own PTC Lab
Duration : 6 Days
Days and Timings : Daily: 9.00 am to 5.00 pm
Medium : English

For further details please contact the Coordinator, Dr. Gauri Abhyankar, Department of Botany, e-mail id: gauri.abhyankar@gmail.com

13. Certificate course in Landscape Designing and Gardening

- Eligibility** : 12th passed/ any graduate/ any diploma
Days and time : Friday and Saturday, 11.00 am to 3.00 pm

For further details please contact Dr. Sharayu Sathe and Prof. A. Gavitt, Department of Botany, e-mail id: sharayu.sathe@mesagc.org, atish.gavitt@gmail.com

14. Applied Nature Photography Course:

Department of Biodiversity is successfully running an Applied Nature Photography Course in connection with Community College, MES.

- Eligibility** : Any nature enthusiast.
Duration : Sept-Oct. one month, thrice a week, Evening hrs. 6.00 to 8.00 pm
Course also includes field trips.

For further details please contact Dr. A.A. Patwardhan, Department of Biodiversity, e-mail id: ankurpatwardhan@gmail.com

15. Certificate Course in Android Application Development (CCAAD)

Key Features :

- Google certified Android Developer as a resource person
- Professionally designed Course Material
- Theory and Practical Examinations will be conducted.
- Certificate with grade will be awarded after evaluation which is based on Mini Project, Quiz, and Theory sessions; plus overall performance of the candidate during session.

Course Outcome

- Create and publish impressive apps
- Ability to learn Advanced topics
- Course Completion Certificate

Prerequisite

- Understanding of OOPS concept.
- Understanding of JAVA is add on.

Duration : 60 clock hours including theory and practical sessions

For further details please contact Mrs. Sampada Vaishampayan, Department of Computer Science, e-mail id: vsampada@yahoo.com

16. Certificate Course in Anuvad Vidnyan

Due to globalization in the twentieth century, distances between different countries have decreased at social economic, cultural, industrial, scientific and business levels.

Inter-language exchange is increasing in countries. As a result, translation is increasing in the world. If we have to understand the socio-economic, cultural, industrial, scientific, religious and commercial status of other countries, then this information can be found only through translation. Translation has gained importance in the field of employment in the later part of the twentieth century. Many employment opportunities are being available through translation. Keeping this in mind, the Department of Hindi is introducing this translation certificate course.

Eligibility : 12th and above

Duration : 3 Months

Days and Timings : Twice a week: 11.30 am to 1.30 pm

Medium : Hindi

For further details please contact the Coordinator, Dr. Milind Bankar, Department of Hindi, e-mail id: bmilind358@gmail.com

17. Certificate Course in DTP

This course enables the student to learn the application of computer for the purpose of printing and publication industry. It will help the student to acquire knowledge of data entry, data processing, desktop publishing and designing. It will also help the student to learn art of printing, binding, costing of book publication and to understand the legalities of it.

Eligibility	: 12 th and above
Duration	: 3 Months
Days and Timings	: Monday, Wednesday and Friday: 12.00 noon to 2.00 pm
Medium	: Marathi

For further details please contact the Coordinator, Dr. Varsha Todmal, Department of Marathi, e-mail id: varsha.todmal@gmail.com

18. Certificate Course on Indian Script

India is a Multilinguistic country having government recognized 21 languages and 11 scripts. Apart from Devnagnari, Roman and Urdu there are 8 scripts which are being used to express. In order to learn any new language we need to learn the script of that language and this course basically aims towards learning these scripts.

Eligibility	: 12 th and above
Duration	: 72 Clock Hours
Days and Timings	: Weekly: 3.00 pm to 6.00 pm
Medium	: Bilingual

For further details please contact the Coordinator, Dr. Vinay Chati, Department of Mass Communication and Journalism, e-mail id: vinay.chati@gmail.com

19. Certificate Course in Fundamentals of Indian Share Market

An important aspect of financial reforms is the development of a pool of human resources having right skills and expertise to help enhance quality intermediation in the financial markets. This course teaches and enhances the practical knowledge about skills required to operate in the financial markets. This course reveals the concept of mutual funds and helps create awareness and knowledge about the industry and its functioning.

Eligibility	: 12 th and above
Duration	: 10 weeks
Days and Timings	: Twice a week: 2 L /Day, Friday and Saturday, 3.00 pm to 5.00 pm.
Medium	: English

For further details please contact the Coordinator, Dr. Nitin Ade, Department of Economics, e-mail id: nitin.ade@mesagc.org

20. Certificate Course in Buddhist Philosophy and Psychology

Need of course- In today's age of hurry and stress we require proper understanding and solutions to our day to day problems. This course will cultivate an attitude to look at these problems. Theoretical and philosophical aspects of this course will help us to cultivate the attitude while practical approach through meditation and mindfulness technique will orient to handle various situations.

- Eligibility** : 12th and above
Duration : 3 months
Days and Timings : Twice in a week; 4.00 pm to 6.00 pm
Medium : Marathi

For further details please contact the Coordinator, Shri. Pradeepkumar Mane, Department of Logic and Philosophy, e-mail id: pradeeppolymath@gmail.com

21. Certificate Course in Koha and DSpace

There are always advancements in technologies therefore students and Library science professional needs hands on experience on Software which are freely available on net DSpace and Koha. Before going to the academic institutes this would be additional qualification for our students.

- Eligibility** : B.Lib.I.Sc./ M.Lib.I.Sc.
Duration : 5 days
Days and Timings : Four Sessions in a week; 10.00 am to 5.00 pm.
Medium : English

For further details please contact the Coordinator, Dr. Vandana Shelar, Department of Library Science, e-mail id: vandanashelar@gmail.com

22. Certificate Course in Debates of International Politics in the Global Age- Uncertainty, Solidarity and Innovation

During the course, students shall be introduced to the major principles, concepts, actors/non-state actors and theories of the international system. Students will learn to apply these theories to current debates, issues and conflicts to gain an objective and informed view. They will be able to discover how political systems interact and what their impacts are worldwide.

- Eligibility** : 12th and above
Duration : 6 Months
Days and Timings : June to February
Medium : English

For further details please contact the Coordinator, Dr. Aparna Agashe, Department of Political Science, e-mail id: agasheaa@hotmail.com

23. Certificate Course in Gender Studies: with special reference to Femininity, Masculinity and Third Gender

It is an unconventional certificate course which will borrow its tools of study from varied disciplines, like literature, media and mass communication, social sciences, psychology, philosophy and counseling. It involves interactive mode of teaching, field trips etc. the students will have to give presentations on their assignments at the end of the course where will be evaluated. The course will be helpful for students seeking admissions for MSW and for those who wish to make career in social welfare.

Eligibility : Any UG and PG student, social workers, NGO employees and any other.

Duration : 6 Weeks

Days and Timings : Twice a Week (Two Lectures / Day)

Medium : English

For further details please contact the Coordinator, Dr. Chetana Desai, Department of Sociology, e-mail id: chetanadesai2014@gmail.com

24. Certificate Course in Psychometric Testing, Counseling and Psychotherapies

Psychometric skills and report writing is rarely taught at any other centre. Hence this course will provide opportunity for a training of psychometric aspect of the important tests like tests of intelligence, personality, aptitude and clinical tests will be taught. Counselling procedure, counselling skills and diagnostic skills for behaviour, emotional and adjustment test will be introduced. A suitable therapy with all its procedure and skills will be employed according to the nature of the problem. This course will provide better guidance and skills to all those concerned who have no sound knowledge of the psychometric tests, counselling and therapeutic skills. To set up a unique course providing best possible guidance in counselling skills and scientific procedure of counselling, specific psychotherapy skills for specific problems.

Eligibility : 1) Post graduate in Psychology 2) MSW
3) Minimum 5 year experienced counsellor
4) Any Medical and Law graduate having minimum 3years' experience

Duration : 1 Year

Days and Timings : Saturday 2.00 pm - 6.00 pm and Sunday 9.00 am - 1.00 pm.

Medium : English /Marathi

For further details please contact the Coordinator, Shri. Rakesh More, Department of Psychology, e-mail id: rampsync@gmail.com

25. Certificate Course in Basic English for Office/Non-Teaching Staff

The course would enable the office staff to polish and brush up their English by a focused attention to four basic skills namely Reading comprehension, listening comprehension, writing skill and speaking skills. Approach will be activity based. The participants will go through guided practice of the above mentioned four skills and there will be problem shooting if and when necessary.

Eligibility	: 10 th std.
Duration	: 1 Week
Days and Timings	: Daily: 2.00 pm to 4.00 pm
Medium	: English

For further details please contact the Coordinator, Dr. Gautami Pawar, Department of English, e-mail id: gautamipawar24@yahoo.co.in

26. Certificate Course in Travel and Tourism (Department of Geography)

During the last decades, tourism has experienced continued growth and increased diversification, becoming one of the fastest growing economic sectors at the national and international levels. The business volume of tourism today equals or even surpasses that of oil exports, food products or automobiles, offering millions of direct entry points into the workforce, particularly for youth and women, and a diversity of investment opportunities for young entrepreneurial development. This course will also give you the knowledge and ability to develop marketing strategies based on practical business plans which will also open doors to positions not just in a student's home country, but also around the world. Tourism is a vital part of the global economy, and as such, there are opportunities of career options for those who study it.

Eligibility	: 12 th and above
Duration	: 3 months
Medium	: Bilingual

For further details please contact the Coordinator, Prof. R.S. Suryawanshi, Department of Geography, e-mail id: suryawanshirs22@gmail.com

Other Important Information

■ Norms of Application for Admission to the College

Application for admissions to the college must be made in the prescribed on-line admission form immediately after the results of the relevant qualifying examination are declared. Details of the admission procedure will be available on the college website: www.mesgarwarecollege.org from time to time.

For all classes, students must fill in all the details on the on-line admission forms. Incomplete forms will not be accepted and the concerned student will be held responsible

for incomplete information. No complaints will be entertained in this regard at a later date. Students from other colleges affiliated to SPPU should obtain their Transfer Certificate (TC) from their previous colleges, before applying for admission to Abasaheb Garware College.

Students and their parents / guardians are requested to consider carefully while deciding the course for which admission is to be sought. The college authorities and teachers will be glad to counsel the matter with the students and their parents / guardians at the time of admission and offer suitable advice.

Students should note that getting the admission form does not necessarily ensure admission to the college. **Admissions are done strictly according to merit, availability of seats and the rules of the SPPU and the State Government.**

Admission of the candidate will be considered to be confirmed only if the fees for the course are paid on the same day on which the admission forms are verified, signed and the division is assigned by the concerned authorities (Staff-in-Charge / Vice Principal / Principal).

■ Equivalence

Admission to S.Y.B.Sc. and T.Y.B.Sc. for students from colleges other than those under the jurisdiction of SPPU:

- I. Such students will follow all the norms of admission as given above.
- II. In addition, these students will have to fill in the SPPU equivalence forms available in the college office and submit the form to the college office.

■ Admission Norms for Foreign / NRI / POI Students

All International (Foreign) Students have to qualify the English Proficiency Test I and II conducted by the International Students' Centre, SPPU. A certificate stating the same will have to be produced at the time of admission.

Without the specific written permission from the International Students' Centre, SPPU, no student will be admitted directly to any course / class. The college does not admit foreign nationals, Non-Resident Indians (NRI), or Persons of Indian Origin (POI), directly.

All procedures for application to the various classes will be the same as those for Indian students. The following forms duly completed and signed by the Deputy Commissioner of Police and FRO Special Branch Pune should be submitted at the time of admission.

- a. Form - A (Registration of Foreigner)
- b. Residential Permit
- c. Form - C (Validity Certificate)
- d. College Form for Foreign / NRI students

Fees : As per SPPU Circular No. ISC/630/dt.10.03.2004, the **fees charged** for all **Foreign Nationals / POI / NRI** students will be **five times** the tuition fees and laboratory fees paid by students from Maharashtra.

Students from the SAARC countries will pay **three times** the tuition fees and laboratory fees paid by students from Maharashtra.

■ **Admission Norms for Students from Outside Maharashtra**

(Applicable for all courses)

Students out of Maharashtra have to fill a special form along with the regular admission form. Attested copy of cast certificate validated by the government of Maharashtra must be submitted if the students wish to seek the benefit of reservation. Otherwise the students will be treated as open category students.

Fees: All students from outside Maharashtra will pay **double the tuition fees and laboratory fees** paid by students from Maharashtra.

The details of the fees to be paid at the time of admission are available in the college office.

■ **Eligibility Certificate**

The rules of Eligibility apply to all students, both of Arts and Science faculties admitted to First Year Undergraduate and First Year Post Graduate classes also and also to students newly admitted to other classes from other universities.

Students migrating from other Universities / Boards either from the State of Maharashtra or from outside Maharashtra will be admitted to the college on production of an Eligibility Certificate (or a provisional admission Eligibility Certificate). Admission of students who have submitted the provisional Eligibility Certificate from the SPPU will be treated as provisional admission. For obtaining the Eligibility Certificate, students will have to apply to the SPPU in the prescribed form for Eligibility Certificate and supplying the following certificates in original (and a photocopy thereof) with the application:

1. Passing certificate
2. Statement of marks of the previous examination
3. Migration Certificate from previous University / Board
4. Attendance, Character and Transfer Certificate from the Principal of the previous college
5. Valid Caste Certificate

For students from Boards other than Maharashtra and students from other states, fees of Rs. 500/- for Non-Professional and Rs. 1,000/- for Professional Courses will be charged.

In any case, eligibility fees paid shall not be refunded (Ref. SPPU Circular No. 82 of 1978).

The responsibility of obtaining an Eligibility Certificate from the SPPU lies with the students themselves. The college will provide necessary guidance in this regard.

■ Cancellation of Admissions and Refund of Fees

The candidates canceling their admissions will be entitled to receive the refund of tuition fees, development and other fees after deducting the amount as indicated below except otherwise prescribed by the State Government or University.

All refunds will be made through NEFT / RTGS or by cheque.

■ Rules for Refund of fees

If a student withdraws admission, he/she will be given refund of fees as per SPPU rules, *vide* SPPU Circular No. PGS/542 dated 17/02/2011.

For the candidates who cancel their admissions before the commencement of the course for the relevant academic year, the entire fee, after deduction of processing fee of not more than Rs.1000/- shall be refunded to the student by the University/concerned Institution.

If the student cancels his /her admission after the course has started, the following scheme will be adopted for refund of total fees :

Sr No.	Time of Cancellation	Vacant seat has been filled by another candidate before the last day – Amount to be deducted
1	From 1 st day to 10 th day (1 st day is inclusive) from the date of commencement of the course	20% of the total fees
2	From 11 th day to 30 th day (1 st day is inclusive) from the date of commencement of the course	40% of the total fees
3	After 30 days (1 st day inclusive)	100% of the total fees

■ Refund of Caution Money and Library Deposit

1. Students are advised to preserve their receipt of deposit carefully and submit it to the college along with the application for claiming the refund.
2. Students are advised to claim their deposits within one year of leaving the college. **The period in which refunds will be given is from 1st September to 30th November of the subsequent year only.**

3. After expiry of the one-year period, the unclaimed deposits of all students will be forfeited and no claim under any circumstances will be entertained.
4. **No application for refund of Caution Money and Library Deposit will be entertained without the Deposit Receipt.**

■ Attendance / Grant of Terms (for all taught courses)

Every student must attend at least 80% for all lectures and practical. No exemption shall be granted under any circumstances. Attendance for tutorial / terminal / preliminary examination is compulsory. If the attendance is not satisfactory, parents/ guardians will be notified.

■ Government of Maharashtra Scholarships and Freeships

All Government scholarships and concessions and EBC/PTC/STC/Ex-servicemen applicable by rules can be availed by deserving students. Detailed information about these will be available in the College Office and also on the Govt. of Maharashtra website as given below:

For SC / ST / OBC / SBC / NT / EBC scholarships visit

<https://mahadbtmahait.gov.in>

All students applying for Govt. Scholarship or Freeship should fill the form online and submit a hard copy of their application form to the college office.

Students please note that if forms are not submitted in time then he/she has to pay the full fees. **Student can avail only one type of Scholarship / Freeship.**

Eligibility for all students applying for Govt. Scholarship / Freeship is as follows :

Sr. No.	Category	Scholarship	Freeship
1	SC	Annual income Up to Rs 2,00,000/-	No Limit
2	ST	Annual income Up to Rs 2,50,000/-	No Limit
3	OBC / SBC / VJNT	Annual income Up to Rs 1,00,000/-	< Rs. 8,00,000/-
4	Rajarshee Chh. Shahu Maharaj Shikshan Shulka Yojana (EBC)	Annual income Up to Rs 8,00,000/- (For OPEN Category only)	

HTBF (Help The Blind Foundation, Chennai) provides scholarships to visually challenged students of the college. College officials provide assistance in processing documents.

■ Endowment Awards

In addition to the Government Scholarships and Concessions, a number of scholarships and awards to the tune of Rs. 50,000/- are awarded each year to students offering specific subjects.

Most of these awards are endowment awards given by staff members (retired and current) and well-wishers of the college. Detailed information about these is notified by the Heads of respective departments.

Some endowment awards are also given to the Non-teaching staff of the college for their sincerity and devotion to work, cooperation and compatibility with students, staff, visitors, guests and colleagues.

■ Physical Education

First year students of all faculties have compulsory P.T. period and P.T. examination. **The uniform for the P.T. period and examination will be a Black Track Pant, White T-Shirt and Sports Shoes.**

The P.T. Exam is of 100 marks. The marks will be divided in two parts. 20 marks are for the project and 80 marks are for the practical. For the First Term the students have to submit the project, the information of which can be sought from Dr. Asha Bengle, Director, P.E. The project should be submitted on or before 15th September of the academic year. In the Second Term Practical exam of 80 marks will be conducted.

NSS and NCC students are exempted from the P.T. period but not from any examination. Defaulters in this regard will have to pay a fine of the amount decided by the college authorities.

■ Facilities

● Assembly Hall and Audio Visual Hall

The Assembly Hall and the Audio-Visual Hall of the college are used conventionally to host academic and co-curricular activities of the college. Conferences, Seminars and Workshops are conducted here. The college also allows the use of the Assembly Hall, ***whenever possible with the discretion of college authorities***, for a wide variety of programs and events including music and theatre, social gatherings, lectures and brain storming meetings.

● College Canteen

The college has a hygienic canteen which is open from 8.00 a.m. to 5.00 p.m. and follows all the Government directives and no banned material is used and caters a wide variety of snacks, hot as well as cold drinks and other food items.

● **Central Facility and Instrumentation Laboratory**

The **Central Facility** was established in 2009-10 with the initiative taken by Department of Biotechnology with infrastructural contributions from Department of Biodiversity and Department of Microbiology. The facility has become a hub for all Molecular biology, Animal tissue culture and Computational Biology related practical and research projects. It is also open to other departments of the college.

The lab is well equipped with the state of the art instruments like: Gas Chromatograph, High Performance Liquid Chromatography, Thermocycler, ELISA reader, High speed Cooling Centrifuges, Gel documentation system, Automated Capillary Sequencer, Inverted microscope, Phase Contrast Microscope, Fluorescence Microscope.

Other specialized analytical facilities include CO₂ Incubator, -80°C deep freezer, -20°C deep freezer, vertical Laminar Air flow, Fermentation room is equipped with state of the art 'Laboratory Scale Fermentor', which is situated at the Department of Microbiology.

The Computer lab houses a number of computers with internet facility which is available to the students for carrying out their assignments in different courses such as bioinformatics and computational biology, Computer applications, Statistics etc. besides helping in online database searches and literature search.

Central facility is available to outsourced projects and research equipment needs. We provide this facility to research institutes, colleges, NGOs and independent workers at competitive rates.

● **The Instrumentation Laboratory (DST – FIST)**

Facility is available with several modern instruments along with computers. It is a central facility which is used by students and staff members for chemical analysis of the material. This facility is developed with the funding received from DST under FIST program.

- 1) **UV-VIS Spectrophotometer: Perkin Elmer: Applications:** Chemical analysis, spectral analysis of natural products, reaction monitoring.
- 2) **HPLC: Perkin Elmer: Applications:** Monitoring the chemical reaction, analysis of mixture of compounds, pharmaceutical analysis, metabolites identification etc.
- 3) **Gas chromatograph: Perkin Elmer: Applications:** Study the course of the reaction, analysis of mixture of compounds, pharmaceutical analysis, solvent purity analysis etc.
- 4) **X-ray powder diffraction spectrometry: Shimadzu: Applications:** Crystalline or amorphous nature of the solid can be determined, useful in structure elucidation.

■ **Gymkhana**

Adequate arrangements for games and sports are made on the college grounds. The college gives encouragement to sports person. In order to get information regarding enrolment for various games and the respective practice sessions for the different

games like Kho-Kho, Football, Basketball, Volleyball, Swimming, Badminton, Table-Tennis, Lawn-Tennis, Netball, Athletics, Hockey, Judo and Archery. Interested students should contact the Director of Physical Education immediately after college opens. **Students are not allowed to play cricket on the college playground.**

Shakti Gymnasium: A well-equipped gymnasium is available for exercise for students. Staff and students of our college are given membership at concessional rates. Trained instructors are available in the gym. For details and membership, students should contact the In-Charge of the Gymnasium, during working hours.

■ Hostels and Hostel Admission

Accommodation is available for boys and girls in the M. E. Society's College hostels situated on the college campus. Admission is purely based on merit. Total number of seats for boys is 139 and for girls are 118.

Detailed information about hostel admission and rules is available in the Hostel Handbook available in the hostel office.

■ Library

A Library respects all forms by which knowledge is communicated and uses technology intelligently to augment service. It protects free access to knowledge. It honors the past and creates the future. It acts as a source of inspiration to young generation by passing the thoughts of the thinker, philosopher of the world.

The Abasaheb Garware College Library functions as a student oriented information center focusing on the data and information as per the need of students and the faculty.

The library contains 115068, books, 160 periodicals, 340 educational CDs/DVDs and more than 4095 reference books such as encyclopedias, dictionaries, yearbooks, almanacs, bibliographies, reports, gazetteers and Year Books. The library subscribes to periodicals and newspapers.

The library also subscribes to N-LIST (National Library and Information Services Infrastructure for Scholarly Content) by INFLIBNET.

The student can avail the inter library loan facility as our library has a tie-up with MES Garware College of Commerce, MES-IMCC, British Library, SPPU Jaykar Library and Gokhale Institute of Politics and Economics Library.

Services and Facilities

1. Book issuing Service
2. OPAC (Online Public Access Catalogue)
3. Content pages of important book available in advance search facility
4. Access to internet / Open access resources are available in the library
5. Current Awareness Service

6. Reprography facility
7. Selective Dissemination of Information
8. Information Literacy program is conducted for students every year
9. “Granthotsav”, a book exhibition is organized in the month of August every year
10. Book talk
11. Plagiarism checking facility

■ **Students should keep in mind**

1. The student should observe complete silence in the library.
2. Books are your friends. Handle and use them with utmost care. Do not tear off pages from the books.
3. Undergraduate students can borrow one book and Postgraduate students can borrow two books for the period of one week. Details regarding issuing/ borrowing is displayed in the library notice board.
4. Students should not carry the books issued to them in the study hall, outside the study hall.

Students are provided access to Internet in the Library. This facility is also available in the departments.

Reference books are issued to students on demand and deposition of their I-cards at the Library Issue Counter. Each student is issued a Reader's Ticket. Text-books are issued to the students for home reading for one week. Students should take care to return the books in time. If a student fails to do so on or before the due date, late fee of Rs. 1/- per day is charged.

■ **Vehicle Parking**

Parking facility for cycles and two-wheelers is provided for the students on payment of charges as per the SPPU of Pune Circular No. SPPU/ निववी /1920 dated 9/12/2014. However, due to limited availability of parking space, students will be allowed to park their vehicles on a first-cum-first serve basis.

Parking of students' four –wheelers shall not be permitted on the college campus.

■ **Student Support Activities**

● **Student Welfare Board**

1. Earn and Learn Scheme
2. Poor boys fund
3. Disaster Management Workshop
4. Street Play Competition (District level)
5. Lekhak Tumchya Bhetila

6. Savitribai Phule State Level Elocution Competition (State level)
7. Special Guidance Program
8. Skill Development Program

■ Placement Cell

The Placement Cell Committee of Abasaheb Garware College disseminates employment information and arranges campus interviews by a number of companies in information technology, electronics, chemical, pharmaceutical and biotechnology industries.

Value Addition

● Arts Circle (Agam Kala Mandal)

The Abasaheb Garware College Arts Circle (*Agam Kala Mandal*) has been established in order to showcase students their talents in various performing and fine arts. The activities undertaken are Talent Search Dance and Drama Competition Participation in Intercollegiate and Interstate Drama Competitions such as Firodia Karandak, Purushottam, Sakal Karandak etc.

To enable all-round development of the students, the college and the departments have various student activity Associations like Science Forum, Arts forum, Computer Science Association, Physics Association, *Patanjali Mandals*, Association of Chemistry Students, Biotechnology Association, Microbiology Association, Mathematics Association, ELMASO etc. These Associations organize essay, lecture and project competitions and lectures by eminent persons. The notices for such activities are displayed on the notice boards as and when required.

● National Cadet Corps (NCC)

Abasaheb Garware College is one of the few colleges that have both the Army and Naval Wings of NCC. The Army Wing has 75 Cadets, is attached to 2nd MAH Battalion NCC.

The Naval Wing has 40 Cadets, is attached to 3rd MAH Naval Unit of NCC.

Besides this, students can also join the Air Wing NCC, Armored NCC, and Signal Unit at NCC Group Head Quarter, near Symbiosis College Pune.

Students, who wish to join these NCC units, should apply for admission through the Principal and inform the Principal accordingly.

● National Service Scheme (NSS)

Our college has a very active National Service Scheme unit, wherein 250 students (both boys and girls) are enrolled. Students enrolling for NSS spend about 120 hours in active social work and attend a camp every year. Eligibility of students enrolling for N.S.S.

requires Good Academic Performance, Integrity, Honesty, and Sincerity. Students enrolling for N.S.S. are exempted from P.T. however first year students, P.T. Examination is mandatory.

● **Youth Red Cross**

Abasaheb Garware College has a Youth Red Cross Unit which works in association with Pune District Red Cross Unit, Rasta Peth. Eligibility of students enrolling for Youth Red Cross requires Good Academic Performance, Integrity, Honesty, and Sincerity.

■ **Medical Examination under University Health Service Scheme**

The University authorities have implemented the scheme of medical check-up for the students. Under this scheme, medical checkup is compulsory for all the students of First Year of the B.A./ B.Sc. and M.A./ M.Sc. classes and also all students residing in the College Hostels. The details about medical checkup are notified to the students from time to time. Students who do not undergo medical examination under the Health Service Scheme will not be permitted to appear for the Annual University Examinations.



Maharashtra Education Society

The Maharashtra Education Society, established in 1860 is registered under the Societies Registration Act XXI of 1860 on November 19, 1887, and the Bombay Public Trusts Act of 1950, on December 15, 1952.

In 1860 Maharashtra Education Society (MES) formerly called as Poona Native Institutions was founded by Vaman Prabhakar Bhawe, Vasudev Balvant Phadke and Laxman Narhar Indapurkar. The great revolutionary freedom fighter Vasudev Balvant Phadke was the first secretary and treasurer of Maharashtra Education Society.

It was formed with the aim of planting nationalistic thoughts and creating a generation of strong character and ideals. The last Hundred and Fifty two years stands testimony to the fact that the aims of the society have been achieved. MES has given several gems in various fields, not just to Maharashtra but also to the nation. What started as a simple, single seed is now an enormous tree. MES is the leading entity that provides complete education from K.G. to Ph.D.

While nurturing quality education, the society makes persistent efforts to inculcate social and moral values amongst the students to develop them into responsible and patriotic citizens of India. With over 150 years of glorious past of its existence, the MES is an icon of the service to the noble cause of education that resembles a 'Dnyan Vruksha'. Today MES comprises of 77 institutions with 40,000+ students, teachers and administrative staff. MES has schools and institutes in Pune, Saswad, Baramati, Panvel, Belapur, Kalamboli, Shirwal, Kasar Amboli, Chiplun, Solapur and Ahmednagar.

Abasaheb Garware College is the only Science and Arts College of the Maharashtra Education Society. It was established in 1945, and then named as M.E.S. College of Arts and Science. Since then the college is actively involved in imparting higher education in various fields of Arts and Science.

Statutory Committee

- M. E. Society's Management -

Air Marshal Bhushan Gokhale (Retd.)	President
Dr. Yashwant R. Waghmare	Vice President
Shri. Pradip Naik	Vice President

Governing Body Members

Shri. Rajiv R. Sahsrabudhe	<i>Chairman</i>
Dr. Madhav J. Bhat	<i>Vice Chairman</i>
Shri. Abhay P. Kshirsagar	<i>Vice Chairman</i>
Shri. Anand V. Kulkarni	<i>Member</i>
Dr. Madhavi R. Mehendale	<i>Member</i>
Shri. Devdatta C. Bhisikar	<i>Member</i>
Smt. Anandi M. Patil	<i>Member</i>
Adv. Dhananjay P. Khurjekar	<i>Member</i>
Shri. Vijay A. Bhalerao	<i>Member</i>
Shri. Babasaheb A. Shinde	<i>Member</i>
Shri. Pralhad N. Rathi	Member (Nominated by Garware Trust)
Shri. Sagar R. Nevase	<i>Member</i>
Dr. Ulhas N. Gaoli	Member (Nominated by Garware Trust)
Shri. Sunil Sutawane	Member (Nominated by Garware Trust)
Dr. Anand Y. Lele	<i>Member</i>
Dr. Santosh Deshpande	<i>Member</i>
Dr. Ketaki M. Modak	<i>Member</i>
Dr. Bharat S. Vhankate	Secretary
Shri. Sudhir Gade	Assistant Secretary
Shri. Sachin Ambardekar	Chief Executive Officer (Invitee)

**M.E. society's
Board of Life Members**

Dr. Anand Lele	<i>Chairman</i>
Dr. Santosh Deshpande	<i>Member</i>
Dr. Ketaki Modak	<i>Member</i>
Dr. Ankur Patwardhan	<i>Member</i>
Smt. Chitra Nagarkar	<i>Member</i>
Shri. Sudhir Bhosale	<i>Member</i>
Dr. Manasi Bhate	<i>Member</i>
Dr. P. B. Buchade	<i>Member</i>
Dr. Atul Kulkarni	<i>Member</i>
Shri. Govind Kulkarni	<i>Member</i>
Shri. Vinay Chati	<i>Member</i>
Dr. Bharat Vhankate	<i>Secretary</i>
Shri. Sudhir Gade	<i>Assistant Secretary</i>

Voting Campaign ➤



◀ **Soft Skill Development Program**

NSS students giving helping hand during Wari ➤





➤ **NSS – Campus
Cleanliness Program**

**Prof. Sujata Patel addressing
the audience during the
National Conference** ➤



➤ **Prize winners with
Guests during Sports Day**

Information from College Website

- **Admission**
- **Time Table**
- **Scholarships / Freeships**
- **Various Notices**
- **Various Forms**

Information from SPPU Website

- **Syllabus**
- **Examination**
- **Results**
- **Convocation**

पुणे विद्यापीठ गीत

ज्ञान बनो कर्मशील, कर्म ज्ञानवान

पुण्यमयी दे आम्हा अक्षर वरदान
ज्ञान बनो कर्मशील, कर्म ज्ञानवान

जातिभेद, धर्मभेद, वंशभेद दूर
लाख लाख कंठातुनि हाच एक सूर
करुणेच्या चरणांशी नत हो विज्ञान

माणुसकी धर्माचा अर्थ जाणतो
श्रमनिष्ठा हें पवित्र तीर्थ मानतो
हृदयांतुनि समतेचा निर्भय अभिमान

सेवेतच मुक्ती ही मंगल दीक्षा
न्यायास्तव जागृति ही सत्वपरीक्षा
हे विश्वचि घर अमुचे मंत्र हा महान

...मंगेश पाडगांवकर

Names of the Teachers Appointed on Various College Committees

**Sr.
No.**

Committees

1. **RTI Committee**
Appellate Officer – Prof. P. B. Buchade (Principal)
Information Officer – Dr. P. D. Sonawane (Vice – Principal)
Asst. Information Officer – Shri. K. J. Sable (Registrar)

2. **Examination Committee**
Dr. Sharayu Sathe (CEO)
Prof. G. R. Dhanwale (In-Charge, Science)
Dr. A. P. Kulkarni (In-Charge, Arts)

3. **Grievance Redressal Committee**
Dr. A. D. Padhye (In-Charge)

4. **Prevention of Sexual Harassment of Women (Nirbhaya)**
Dr. Karuna Padeshi (In-Charge)

5. **Anti-Ragging Committee**
Prof. D. K. Kamble (In-Charge)

6. **Prospectus Committee**
Dr. Sunita Bhagwat, Vice- Principal (In-Charge)
Dr. P. D. Sonawane, Vice- Principal (Member)
Ms. Sampada Vaishyampan (Member)
Dr. R. A. Walhe (Member)
Dr. Nitin Ade (Member)
Ms. Anita Watekar (Member)



Maharashtra Education Society's
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