

Admission Guidelines

Rules and Regulations

2020-21



Progressive Education Society's

MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE

Ganeshkhind, Pune - 411 016

Best College Award from Savitribai Phule Pune University

Accredited by NAAC with 'A' grade

- DST-FIST Sponsored College
- STAR College Status Awarded by Department of Biotechnology
- Best College Award by Student Welfare Board, Savitribai Phule Pune University
- Best N.S.S. Unit Award by Savitribai Phule Pune University
- Best College Magazine Award by Savitribai Phule Pune University, Pune
- First prize for "Efficient Energy Management And Utilisation" by Maharashtra Energy Development Agency (MEDA), Govt. of Maharashtra
- Vanashree Award by Govt. of Maharashtra
- Best College Award by Indian Red Cross Society
- Innovative College Award by CEDA
- Center for Innovation, Incubation & Linkage as per SPPU norms



Prof. Dr. Gajanan R. Ekbote
M.S.M.N.A.M.S.
Chairman, B.C., Progressive Education Society, Pune



Prof. Suresh V. Todkar
Jt. Secretary
Progressive Education Society

Chairman, LMC
Modern College, Pune-16



Prof. Shamkant Deshmukh
Secretary, Progressive Education Society, Pune



Dr. Prakash G. Dixit
Dy. Secretary
Progressive Education Society
Visitor
Modern College, Pune-16



Dr. Sanjay Kharat
Principal, Modern College, Ganeshkhind, Pune 16

Our Dynamic Leaders

Infrastructure



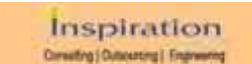
Academic Activities



Scientific - Insights and Extension



Industry - Academia Interface

			
Lila Poonawalla Foundation	Enhance and Excel, Pune	iGatePatni	National Chemical Laboratories, Pune
			
ICICI Bank	Saj Test Plant	Symantec	D.P. Associates ,Pune
			
Sun Pharmaceutical Industries Ltd.	Green Vision Life Sciences Pvt Ltd	Harbinger System Ltd	Golwark Metropolis Laboratories
			
GVK Asia	L & T Ltd.	LOKMAT PAPERS	LIFE INSURANCE CORPORATION OF INDIA
			
Synechron	Tech Mahindra	PANTALOON(INDIA) LTD	Inspiration India, Pune
			
LUPIN PharmachuticalPvt.Ltd	Persistent Systems Ltd	MAHINDRA PRIDE SCHOOL	QUICK HEAL
			
PRAJ industries	TATA Consultancy Services	Agharkar Research Institute	Logic Power Pvt. Ltd.
			
Vidya Sahakari Bank Ltd. Pune	National Aids Research Institute (NARI)	Mahratta Chamber of Commerce Industries & Agriculture	National Institute of Virology
			
Bicard Training Institution, Pune	Geneombio Technologies	Webtech Developers	Avion Technology, INC

'Modern' Youth



Cultural Awareness



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Progressive Education Society Profile

Progressive Education Society is one of the leading educational institutions in Maharashtra. It was founded by a dedicated and committed teacher Late Shankarrao Kanitkar along with his colleagues in 1934.

The Institution has evolved and made a mark in the arena of education all over Maharashtra due to the ceaseless efforts of the teaching and administrative staff and the foresight of the management. The Institutions run by P. E. Society are known for imparting quality education in their respective fields.

P. E. Society runs 58 educational institutions, which include Pre-Primary, Primary, Secondary, Higher Secondary Schools and General Education and Professional Colleges. The Institution has diversified into areas such as Law, Pharmacy, Management, Engineering, Special education, etc. Since 1985, P. E. Society has made rapid progress under the dynamic leadership of its Chairman Dr. G. R. Ekbote, a well known surgeon.

MODERN COLLEGE, GANESHKHIND, PUNE -16

Progressive Education Society's Modern College of Art, Science and Commerce, Ganeshkhind, Pune-411 016 was established in 1992 in the vicinity of Savitribai Phule University, with the objective of imparting quality education to students. It is permanently affiliated to the Savitribai Phule Pune University and offers various Under Graduate and Post Graduate courses under Arts, Commerce & Science disciplines. In a short span, the College has achieved laurels in academic, sports, research and extra curricular activities.

The College has been successful in keeping pace with the changing educational scenario, by introducing new career oriented courses. It has firmly established itself as 'Modern' and 'Progressive'. The college has highly qualified and experienced teaching staff, who consistently strive for around development of the students. In the academic year 2016-2017, NAAC has reaccredited Modern College, Ganeshkhind with 'A' Grade. The college has obtained recognition under 2(F)12(B) of UGC, New Delhi. The college has achieved first position (Best College Category) awarded by Savitribai Phule Pune University for the year 2012-13. The college is now identified as DST-FIST sponsored college by DST Govt. of India. The College is awarded as DBT-STAR Status by DBT, Government of India. The College is also a recipient of 'Vanashree Award' for 2018-19 by Government of Maharashtra & also awarded as Best College by Indian Red Cross. The College is the recipient of DBT-Builder Program of Department of Biotechnology (DBT), Government of India.

महाराष्ट्र शासन मान्यता क्रमांक:- एन.जी.सी.-३५९१/४३०९/वि.शि.२

Affiliated to Savitribai Phule Pune University: PUN / PN / ASC/ 089 (1992)

UGC - Recognition No.: 2 (f) 12(b) - F-8-290 /2009(CPP-I)

Salient Features

- Prime location (very close to Savitribai Phule Pune University and chaturshrungi Hills)
- Permanently Affiliated to Savitribai Phule Pune University
- Reaccredited by NAAC with A Grade
- DBT-Star status awarded by D.B.T. Government of India, New Delhi
- Recipient of DBT-Builder Program of (DBT), Government of India.
- Well qualified and experienced faculty
- Healthy academic environment
- Well equipped Laboratories with internet connectivity
- E-learning facility
- Well stocked Library with Digital Library facilities and internet
- Spacious Reading Hall
- Adequate sports facilities, playground and facilities for indoor game
- Gymnasium for Staff and Students
- Active Placement Cell
- Computerized Administrative Office with co-operative staff
- Spacious well equipped audio-visual hall
- Beautiful green campus with well developed Botanical Garden
- Canteen facility and Spacious Parking
- Participation of students in cultural activities, group discussions, in-house interactions, various competitions, industrial visits, hands on trainings, summer training etc.
- High-Tech Computer Laboratory with latest computers configured with high speed hardware and latest versions of softwares.
- Language Laboratory
- Spoken English Course
- Workshop and Hands on Training
- Research facilities for students
- Public Address System
- Solar – Wind Hybrid Green Energy Generating Project
- Special focus on Industry-Institute Interface
- College Magazine 'Akanksha' was awarded 1st Prize by Savitribai Phule Pune University
- Yuva Saptah is the platform for students to express their innovativeness and creativity
- International/National/State level seminars, workshops & Conferences for continuous academic development of students and staff.
- Vividha exhibition for Entrepreneurship Development
- Soft Skill Development Programme
- Interactions : Inter Collegiate Competition
- Banking Club
- Farmers Club – Farm to Campus
- Modi Script Course
- Annual Book Exhibition
- In house Publications – Kaleidoscope, Commerce Horizon Pramey, ODYSSEY
- Lit carnation – A Literary Carnival
- 'Trilingual Dialogue' for North-East State Students
- Tribal Handicraft Exhibition cum Sale
- Arts Circle
- Competitive Examination Cell
- Counseling Centre
- Bachelor of Vocation (B.Voc) Program as per NSQF aligned with NSDC program of HRD, Govt. of India
- Facilities for Differently –abled Students
- Disha Study Circle
- NGO Connect
- Geography Trekking Club
- Modernites –F-38148 (P) : A registered Alumni Association of the college, working with the mission of – A silent but powerful movement that transforms
- World Food Day

Modernites - F- 38148 (P): A registered alumini association of the college, working with the mission of - A silent but powerful movement that transforms.....

Principal's Address

It gives me immense pleasure to welcome all my dear students to the academic year 2021-22 filled with new insights, innovations, creativity and dedicated efforts to face exciting academic challenges. Modern College has been the gateway to learning, enriching young minds and nurturing them with knowledge and exploring brighter avenues to grow and excel intellectually, morally, socially and emotionally.

Presently, Modern College, Ganeshkhind, Pune is one of the popular colleges having blend of both rural and urban students of about 4500 strength with optimum infrastructure facilities and full of academic resources. National Assessment and Accreditation Council (NAAC) has rightly assessed and reaccredited college with 'A' grade in 2017. College is recipient of 'Best College Award of Savitribai Phule Pune University, DST-FIST and prestigious DBT STAR College Status, DBT-Builder Program of Govt. of India etc.

The college has teaching learning program which provides not only academic flexibility but also challenges in learning individual course subjects. We offer various traditional and Professional Graduate and Post Graduate Courses under Arts, Commerce and Science faculty.

Self financing, value added and Skill Development courses equip our students with advanced knowledge and skill set strengthening the survival in realistic world. Every Department of the college arrange co-curricular activities in innovative manner to gratify the learning process and enhance the knowledge of the respective subjects. Faculty keenly tries to promote Research and Entrepreneur culture.

Additional support for the under privileged students via remedial teaching, earn and learn scheme and counseling center.

Wide range of extracurricular activities such as Swar-Madhuri, Indradhanu, Yuva Saptah, Akanksha : an yearly college publication, Shabdganah, Art circle and Sport department are the platforms to enrich inherent qualities of the students. We make the students aware of their social responsibilities and sensitize consciousness of environment by encouraging participation in National Service Scheme.



Principal

Dr. Sanjay S. Kharat

M.Sc., Ph.D., LL.B., M.B.A

Our College is a place for professional, cultural, moral and ethical grooming of the students.

The success of our students over the years has led us to widespread recognition. Our Alumni are working with leading industries and placed all over India and abroad. Few Students are national and international players, well known artists and some students are pursuing their higher studies in eminent foreign universities. Our alumni students share their valuable suggestions and support us in organizing different activities for overall development of the college.

I again warmly welcome you to a friendly, caring, safe, modern and progressive environment.

In the situation of Covid 19, the whole world is facing multiple difficulties in terms of financial crisis, increasing mental disorder cases, spoiled physical health, disturbance in inter-personal relations and clash in personal and professional life etc.

Our college feels that it is our honest responsibility to take care of our beloved past and present students in all ups and downs of life. We are always ready to help our students in their difficult times. The college is taking utmost precautions for the safety of the students.

My sincere appeal to take good care of your physical health and mental peace. I wish the good health and happiness for all our dear students, Parents and their beloved.

Administrative Staff

PRINCIPAL: : Dr. Sanjay Kharat

VICE-PRINCIPALS :

Faculty of Arts : Dr. Jyoti Gagangras

Faculty of Science : Mrs. Swati Kandharkar

Faculty of Commerce : Dr. Shubhangi Joshi

IQAC Coordinator : Prof. Parag Shah

College Exam Officer : Dr. Ravindra Kshirsagar

STAFF

Superintendent : Mr. Prakash D Renuse

Head Clerk : Mrs. Bharti Bhosale

Sr. Clerk : Mrs. Sunanda Masalkar

Mr. Nitin Kakade

Mr. Kashiram Kadam (Lab Asst.)

Jr. Clerks : Mr. Mangesh Nalawade

Mr. Mahesh Bandal

Mrs. Smita Kadam

Ms. Nutan Waghmare

Mrs. Shubhangi Nawale

Mrs. Prerna Nevase

Ms. Shivangi Jadhav

Mrs. Reena Gujrathi

Mr. Rahul Kamble

INFORMATION AUTHORITIES:

1. Prof. Shamkant Deshmukh (Appellate Authority)
2. Dr. Jyoti Gagangras (Information Officer)
3. Mr. Prakash Renuse (Assistant Information Officer)

OFFICE HOURS

Office Hours

Monday to Friday : 10.00 a.m. to 5.30 p.m

Saturday : 10.00 a.m. to 1.00 p.m.

Cash Transactions : 10.00 a.m. to 1.30 p.m.

Lunch break : 1.30 p.m. to 2.00 p.m.

The office will remain closed on Sundays and Public Holidays

LIBRARY HOURS

Library Hours

Issue/Return

Arts and Commerce : 9.00 a.m. to 1.00 p.m.

**Science and
Computer Science** : 1.30 p.m. to 5.00 p.m.

All P.G. Students : 9.00 a.m. to 1.00 p.m. &
1.30 p.m. to 5.00 p.m.

Reading Hall : 8.00 a.m. to 5.30 p.m.

Librarian : Dr. Sangeeta Dhamdhere

Admission Procedure

Online Admissions : Information is available on college website – *www.moderncollegegk and college office*. Students need to purchase “Admission Guidelines / Prospectus from College office to get Unique Id to be entered in Online Admission.

- A student passing in all subjects at **S.Y. level**, but failing in any subject at **F.Y. level** and Physical Exam cannot be admitted to **T,Y. level** of U.G. courses of any faculty.
- Student migrating from another National/International University or board with **ATPT/ATKT shall not be eligible** for admission in next higher class of the course selected in SPPU, Pune.
- Students qualifying First Year Examination of the UG Program from any other university and having qualified 10 + 12 pattern Certificate Examination are eligible for seeking admission to Second /Third Year Degree Program of SPPU, Pune , if equivalence (Subject to final decision of Equivalence Committee of SPPU,, Pune) is Satisfactory.
- Students migrating from another university and admitted to Third Year of three years degree course of SPPU, Pune or second year of post graduation of SPPU, Pune **will get pass class only**.

GENERAL INSTRUCTIONS

IMPORTANT NOTE : B.A./B.Com/B.Sc.Courses) : Credit System is implemented along with Syllabus restructuring from the Academic Year 2019-20. Students are advised to go through SPPU website for details (www.unipune.ac.in)

M.A./M.Com./M.Sc Courses: The syllabus is restructured from the Academic Year 2019-20. Students are advised to go through SPPU website for details (www.unipune.ac.in)

1. Admission forms are available on College website – www.moderncollegegk.org.
 2. Students seeking admission should enter all the required information in the prescribed admission form and no column in the form should be left blank.
 3. Photocopies of the following documents self attested by the student should be submitted along with the print out of the duly filled online admission form.
 - [i] Statement of Marks (Last qualifying examination.)
 - [ii] Passing/Degree certificate (If statement of marks does not indicate clearly-class/percentage of mark obtained by the student in the relevant examination)
 - [iii] Migration certificate (Original) (if applicable). (Original will not be returned)
 - [iv] Leaving Certificate, Transfer certificate, (if applicable). (Original will not be returned)
 - [v] Written Statement regarding gap in education and/or change of name (in the original), (if applicable).
 - [vi] Copy of the admission letter issued by admission authority in case of centralized admission process by the college/university.
 4. Students must submit the Undertaking Form, duly filled and signed by him/her along with Admission Form.
 5. All the original documents except leaving certificate/transfer certificate/migration certificate/gap certificate, etc. will be returned to the concerned student after the same are scrutinized and verified by the college.
- NATURE OF SEATS**
- Other State:** Maximum 10% of the sanctioned intake capacity.
- NRI:** Maximum 10% of the sanctioned intake

capacity will be made through Savitribai Phule Pune University Student Center.

Foreign Students/Foreign Nationals/PIO: Maximum 15% over and above the sanction be made by International Student Center, Savitribai Phule Pune University.

Jammu & Kashmir Migrants: Two seats under supplementary quota above the sanctioned intake capacity.

Reservation: 52% seats of the overall sanctioned intake capacity are reserved for reserved category students from the Maharashtra State.

Reservation is applicable only for Maharashtra domicile SC, ST, DT, NT, OBC, SBC categories as per the Government of Maharashtra G.R. [The students migrating from other state will not be entitled to the concession/benefits available to the SC/ST/DT/NT/SBC & OBC student of the Maharashtra State.]

Reservation of differently-abled Candidates: Three percent seats of total sanctioned intake capacity shall be reserved for differently-abled

candidates. Out of these seats one percent each is sanctioned for visually-impaired, students with hearing and speech impediments and Orthopedic disorder.

Note:

1. Candidates who belong to Special Backward Class (SBC) will be offered reservation upto 2% seat of the seats available for Maharashtra candidates, no separate seats are earmarked.
2. Even if a candidate belongs to Backward Class category and secure admission against a seat that belong to General category by virtue of merit, such a candidate has to produce all the necessary documents in support of the category claimed at the time of admission.

For candidates who cancel their admissions before commencement of the course for the said academic year- his/her entire fee (after deduction of processing fee of not more than Rs. 1000/-) shall be refunded to the student.

If the student cancels his/her admission after the commencement of course following scheme will be adapted for the refund of total fees:

Cancellation of Admission and refund of fees:- (As per the order dated 24/03/2011. Ref. Number – PUS 7542 dated 17/02/2011)

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

Mode of Fee Payment:

Online payment using credit/debit card or net banking.

Demand Draft drawn in favor of “The Principal, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16”.

Bank Challan:

Granted Courses: Bank of Maharashtra, Senapati Bapat Road, Pune 16.

Non Grant Courses: HDFC Bank, Fergusson Road, Pune 411005.

Note: Any one of the mode can be selected for payment of fees.

capacity will be made through Savitribai Phule Pune University Student Center.

Foreign Students/Foreign Nationals/PIO:

Maximum 15% over and above the sanction be made by International Student Center, Savitribai Phule Pune University.

Jammu & Kashmir Migrants: Two seats under supplementary quota above the sanctioned intake capacity.

Reservation: 52% seats of the overall sanctioned intake capacity are reserved for reserved category students from the Maharashtra State.

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If the student cancels his/her admission after the commencement of course following scheme will be adapted for the refund of total fees:

Cancellation of Admission and refund of fees:- (As per the order dated 28/02/2020. Ref. Number – PGS/ 676 dated 28/02/2020)

Sr. No	Percentage of Refund of Fees*	Point of time when notice of withdrawal of admission is received in the Institute
1	100%	Within 10 days from the date of admission taken by the student concern
2	90%	After 10 days and before 15 days from the date of admission taken by the student concern
3	80%	After 15 days and before 20 days from the date of admission taken by the student concern
4	50%	After 20 days and before 30 days from the date of admission taken by the student concern
5	00%	After 30 days from the date of admission taken by the student concern

Note :

1) In case of Sr. No. (1) In the table above, the college / Institute concerned shall deduct all amount not more than 5% of the fees paid by the student, subject to a maximum of Rs. 5000/- as processing charges from the refundable amount.

2) Fees shall be refunded by all college / Institution to an eligible student within fifteen days from the date of receiving a written application from him/her in this regards.

Mode of Fee Payment:

Online payment using credit/debit card or net banking.

Demand Draft drawn in favor of “The Principal, Modern College of Arts, Science and Commerce, Ganeshkhind, Pune-16”.

Bank Challan:

Granted Courses: Bank of Maharashtra, Senapati Bapat Road, Pune 16.

Non Grant Courses: HDFC Bank, Fergusson Road, Pune 411005.

Note: Any one of the mode can be selected for payment of fees.

Scholarships / Freeships

शिष्यवृत्ती / फ्री सवलत

अनु. क्र.	शिष्यवृत्तीचे / फ्रीशिपचे नाव	अटी व शर्ती	शेरा
१.	भारत सरकारची शिष्यवृत्ती GOI Scholarship	<p>फक्त मागासवर्गीय विद्यार्थ्यांसाठी (S.C. / S.T. / N.T.D.T./ V.J./ O.B.C. & S.B.C.) ज्या विद्यार्थ्यांच्या पालकांचे (आई-वडिलांचे) मागील आर्थिक वर्षाचे वार्षिक उत्पन्न S.C. / S.T. साठी रु. २,५०,०००/- पेक्षा कमी आणि N.T.D.T./ V.J./ O.B.C. & S.B.C. या संवर्गासाठी रु. १,००,०००/- पेक्षा कमी आहे असेच विद्यार्थी सदरील शिष्यवृत्तीसाठी अर्ज करू शकतात.</p> <ol style="list-style-type: none"> १. विद्यार्थ्यांचा जातीचा दाखला २. विद्यार्थ्यांचा शाळा सोडल्याचा दाखला ३. विद्यार्थ्यांचे गतवर्षाचे गुणपत्रक (मार्कलिस्ट) ४. विद्यार्थ्यांच्या पालकांचा मागील वर्षाचा उत्पन्नाचा दाखला (तहसीलदारांचा) आणि ५. डोमिसाईल प्रमाणपत्र ६. S.C. / S.T. संवर्ग सोडून इतर सर्व संवर्गासाठी नॉनक्रिमीलअर सर्टिफिकेट ७. शैक्षणिक खंड असल्यास गॅप ऑफिडेव्हीट ८. विद्यार्थ्यांचे स्वताचे आधारलिक बँकेत असणे आवश्यक आहे. शासकिय महाविद्यातील उपस्थिती 75% पेक्षा जास्त असणे आवश्यक आहे. ९. शासकिय वसतिगृहात राहत असल्यास त्या वसतिगृहाचे प्रमाणपत्र. (राहण्याची व जेवणाची सोय हवी.) <p>व्यावसायिक अभ्यासक्रमांसाठी फक्त S.C. व S.T. या वर्गातील विद्यार्थ्यांनाच समाजकल्याण विभागाकडून शिष्यवृत्तीचा लाभ मिळतो</p>	<p>सदरील शिष्यवृत्तीचे अर्ज ऑनलाईन भरावे लागतील. www.mahadbtmahait.gov.in/escholarship/login.aspx CBSE/ICSE</p>
२.	स्कॉलरशीप फॉर टेलन्ट डेव्हलपमेंट इन मॅथमॅटिक्स अँड फिजिक्स	<p>सदरील शिष्यवृत्ती फक्त F. Y. B.Sc. च्या विद्यार्थ्यांसाठी असते. गणित व भौतिकशास्त्र या विषयात किमान ६०% गुण असणे आवश्यक आहे आणि तेच विषय घेऊन पदवी पूर्ण करावी लागेल. इ. १२ वी च्या गुणपत्रकाची झेरॉक्स प्रत जोडावी.</p>	
३.	सेंट्रल सेक्टर शिष्यवृत्ती Central Sector Scholarship	<p>अर्जदार भारतीय नागरिक व महाराष्ट्र राज्याचा रहिवासी असावा. पालकांचे वार्षिक उत्पन्न ४.५० लाखापेक्षा जास्त नसावे. इ. १२ वी मध्ये किमान ८० टक्के गुण असावेत. अर्जदार इतर कोणत्याही शिष्यवृत्ती योजनेचा / स्टायपेंड योजनेचा लाभार्थी नसावा. केंद्र शासनाच्या नियमाप्रमाणे अर्जदार नॉन-क्रिमिलेअर वर्गात बसणारा असावा.</p>	<p>National Scholarship Portal या संकेतस्थळावर सदरील अर्ज उपलब्ध आहे.</p>

FEE CONCESSIONS

Fee concession to students are available as per the rules and regulations of Govt. of Maharashtra.

Note: For claiming all types of State and Central Government scholarships a student has to fill the online application form (website - www.mahadbjmahait.gov.in link e-scholarship)

After filling the online application form, the student has to submit the hard copy to the office and get an acknowledgment. Students are advised to check the Scholarship notice board regarding details of various scholarships from time to time.

Scholarships / Freeships

अनु. क्र.	शिष्यवृत्तीचे/फ्रीशिपचे नाव	अटी व शर्ती	शेरा
४.	राज्य सरकारची नादारी B. C. Freeship	<p>फक्त मागासवर्गीय विद्यार्थ्यांसाठी (S.C. / S.T. / N.T.D.T./ V.J./ O.B.C. & S.B.C.) ज्या विद्यार्थ्यांच्या पालकांचे (आई-वडिलांचे) मागील आर्थिक वर्षाचे वार्षिक उत्पन्न S.C. / S.T. रु. २,५०,०००/- पेक्षा जास्त आणि N.T.D.T./V.J./ O.B.C. & S.B.C. या संवर्गासाठी रु. १,००,०००/- जास्त असेल असेच विद्यार्थी (Freeship) नादारीसाठी अर्ज करू शकतात.</p> <ol style="list-style-type: none"> विद्यार्थ्यांचा जातीचा दाखला विद्यार्थ्यांचा शाळा सोडल्याचा दाखला विद्यार्थ्यांचे गतवर्षाचे गुणपत्रक (मार्कलिस्ट) विद्यार्थ्यांच्या पालकांचा मागील वर्षाचा तहशीलदाराचा उत्पन्नाचा दाखला Validity -Compulsory S.C. / S.T. संवर्ग सोडून इतर सर्व संवर्गासाठी नॉनक्रिमीलेअर सर्टिफिकेट शैक्षणिक खंड असल्यास गॅप ऑफिडेव्हीट व्यावसायिक अभ्यासक्रमांसाठी फक्त S.C. व S.T. या वर्गातील विद्यार्थ्यांनाच समाजकल्याण विभागाकडून शिष्यवृत्तीचा लाभ मिळतो. B.Sc. Comp., BCA, BBA (CA), M. Sc., (Comp. Sci.) मिळत नाही. 	<p>सदरील शिष्यवृत्तीचे अर्ज ऑनलाईन भरावे लागतील. www.mahadbtmahait.gov.in/escholarship/login.aspxCBSE/ICSE</p> <p>शासकिय महाविद्यातील उपस्थिती 75% पेक्षा जास्त असावी.</p>
५.	राजश्री छत्रपती शाहू महाराज शिक्षण शुल्क शिष्यवृत्ती योजना (फक्त खुल्या गटांसाठी)	<ol style="list-style-type: none"> डोमिसाईल प्रमाणपत्र उत्पन्न दाखला (तहशीलदारांचा) रेशन कार्ड हमी पत्र शाळा सोडल्याचा दाखला आई वडील व स्वता:चे आधार कार्ड विद्यार्थ्यांचे स्वता:चे आधारलिक खाते बँकेत असणे आवश्यक आहे. कुटूंबातील फक्त पहिल्या दोन मुलांना लाभ घेता येईल. 	<p>ऑनलाईन पद्धतीने अर्ज भरावे लागतील www.mahadbtmahait.gov.in विद्यार्थ्यांचे बँक अकाउंट नंबर आधार नंबरशी जोडणे आवश्यक. मोबाइलला नंबर सुद्धा आधारला लिक असावा.</p>
६.	अपंग शिष्यवृत्ती Physically Handicapped Sch.	<p>अर्जासोबत वैद्यकीय दाखला - सिव्हील सर्जन किंवा अर्थोपेडिक यांचे सही-शिकव्याचा असावा. अर्जदार विद्यार्थी मुकबधिर असेल तर वैद्यकीय दाखला इ.एन.टी. स्पेशलिस्ट डॉक्टरांचे सही-शिकव्याचा असावा. अर्जदार विद्यार्थी अंध असेल तर वैद्यकीय दाखला आय स्पेशलिस्ट सर्जन/ सिव्हील सर्जनचे सही-शिकव्याचा असावा. अर्जासोबत मागील वर्षाचा उत्पन्नाचा दाखला जोडावा. अर्जासोबत पूर्ण फोटो जोडावा. लगतच्या वार्षिक परीक्षेत विद्यार्थ्यांस शेकडा ४०% गुण मिळणे आवश्यक आहे.</p>	
७.	एकलव्य शिष्यवृत्ती Eklavya Scholarship	<p>ही शिष्यवृत्ती फक्त पदव्युत्तर अभ्यासक्रमासाठी आहे. विद्यार्थ्यांचे पालक भारताचे नागरिक असावे. विद्यार्थ्यांचे पालक महाराष्ट्र राज्याचे रहिवासी असावे. पालकांचे मागील आर्थिक वर्षाचे उत्पन्न रु. १००,०००/- असावे.</p>	

Scholarships / Freeships

अनु. क्र.	शिष्यवृत्तीचे/ फ्रीशिपचे नाव	अटी व शर्ती	शेरा
		मागील वर्षात T.Y.B.A. व T.Y.B.Com. मध्ये ६० टक्के आणि T.Y.B.SC. मध्ये ७० टक्के गुण असणे आवश्यक नूतनीकरणाकरीता किमान ७५ टक्के उपस्थिती व पहिल्या वर्षी सर्व विषयात उत्तीर्ण होवून किमान ५० टक्के गुण आवश्यक आहेत.	
८.	आर्थिकदृष्ट्या मागासलेल्या वर्गातील गरीब, गुणवत्ताधारक विद्यार्थ्यांना अर्थसहाय्य	अर्जदार भारतीय नागरिक व महाराष्ट्र राज्याचा रहिवासी असावा. अर्जदार इतर कोणत्याही शिष्यवृत्ती योजनेचा/स्टायपेंड योजनेचा लाभार्थी नसावा. विद्यार्थ्यांच्या कुटुंबातील सर्व कमावत्या सदस्यांचे (आईवडील व इतर) वार्षिक उत्पन्न रु.१.५ लाखापेक्षा जास्त नसावे. मागील परीक्षेत कमीत कमी ६५ टक्के गुण असावे.	
९.	अल्पसंख्याक समाजातील गुणवत्ताधारक विद्यार्थ्यांना केंद्र शासनाची मॅट्रिकोत्तर शिष्यवृत्ती योजना Minority Scholarship	मुस्लिम, ख्रिश्चन, शीख, बौद्ध, पारशी समाजातील विद्यार्थींचा या शिष्यवृत्तीसाठी अर्ज करू शकता. अर्जदार भारतीय नागरिक व महाराष्ट्र राज्याचा रहिवासी असावा. किमान ५० टक्के गुण प्राप्त झालेला विद्यार्थी पात्र राहिल. अर्जदार इतर कोणत्याही शिष्यवृत्ती योजनेचा/स्टायपेंड योजनेचा लाभार्थी नसावा. अर्जदाराच्या पालकांचे एकत्रित वार्षिक उत्पन्न रुपये २ लाखापेक्षा जास्त नसावे. अल्पसंख्याक कुटुंबातील फक्त दोन अपत्यांनाच सदर योजनेचा लाभ देण्यात येईल.	www.dirhe.org.in/ pms या संकेतस्थळावर सदरील अर्ज उपलब्ध आहे. National scholarship portal या ठिकाणी अर्ज भरावा.
१०.	क्रांतीज्योती सावित्रीमाता फुले शिष्यवृत्ती, पुणे विद्यापीठ, पुणे	ही शिष्यवृत्ती पदवी व पदव्युत्तर अभ्यासासाठी प्रवेश घेतलेल्या फक्त विद्यार्थिनींसाठी आहे. या शिष्यवृत्तीसाठी अर्ज करणाऱ्या विद्यार्थिनीला इतर कोणत्याही शिष्यवृत्तीसाठी अर्ज करता येणार नाही. मागील परीक्षेत कमीत कमी ५० टक्के गुण असावे. मागील वर्षाचे वार्षिक उत्पन्न रु.१,५०,०००/- पर्यंत असावे.	www.unipune.ernet.in या संकेतस्थळावर सदरील अर्ज उपलब्ध आहे.
११	सावित्रीबाई फुले पुणे विद्यापीठ गुणवंत विद्यार्थी शिष्यवृत्ती योजना	१. सदर योजनेचा लाभ घेण्यासाठी विद्यार्थ्यांनी मागील लगतच्या परीक्षेत किमान ७०% गुण संपादित केलेले असावे. २. सर्व अव्यवसायिक अभ्यासक्रमातील विद्यार्थ्यांना गुणवत्तेनुसार शिष्यवृत्तीसाठी विचार केला जाईल. व्यवसायिक अभ्यासक्रमासाठी विद्यार्थ्यांची नोंदणी नसावी. ३. पदव्युत्तर अभ्यासक्रमास प्रवेश घेतलेल्या जास्तीत जास्त ८०० आणि पदवी अभ्यासक्रमासाठी जास्तीत जास्त १२०० विद्यार्थ्यांचे अर्ज शिष्यवृत्तीसाठी विचारत घेतले जातील. ४. पदव्युत्तर अभ्यासक्रमासाठी रु १८,०००/- व पदवी अभ्यासक्रमासाठी रु १२,०००/- शिष्यवृत्ती देण्यात येईल. ५. पात्र विद्यार्थ्यांचे वय पदवी अभ्यासक्रमाकरिता २३ व पदव्युत्तर अभ्यासक्रमाकरिता २५ पेक्षा जास्त नसावे. ६. विद्यार्थ्यांची नियमीत अभ्यासक्रमात किमान ७५% उपस्थिती असणे आवश्यक राहिल, या संदर्भात प्राचार्यांनी दखल देणे आवश्यक राहिल. ७. महाविद्यालय/विद्यापीठ शैक्षणिक विभागामध्ये विद्यार्थ्यांनी नियमित अभ्यासक्रमास प्रवेश घेतलेला असावा. ८. विद्यार्थ्यांस गैरशिस्त/नैतिकता/परीक्षेतील गैरप्रकार इ. बाबत शिक्षा झालेली नसावी. ९. विद्यार्थ्यांनी त्यांच्या बँक खात्याची संपूर्ण माहिती देणे आवश्यक आहे, उदा. बँकेचे नाव, पत्ता, खाते क्रमांक (एमआयसीआर कोड आणि आयएफ एससी कोड). १०. विद्यार्थ्यांनी भारतीय नागरिक असावा. त्यासाठी नागरिकत्वाचा साक्षात्कृत दाखला जोडणे आवश्यक राहिल ११. संबधित महाविद्यालयाचे प्राचार्य हे विद्यापीठाचे मान्यना प्राप्त किंवा प्रभारी प्राचार्य म्हणून मान्यताप्राप्त असावेत.	

अनु. क्र.	शिष्यवृत्तीचे/ फ्रिशीपचे नाव	अटी व शर्ती	शेरा
		१२. विद्यार्थ्यांनि आणि संबंधित प्राचार्यांनी एकत्रित हमीपत्र भरून देणे आवश्यक राहिल.	
१२	आर्थिक दुर्बल घटक अर्थसहाय्य	<p>* आर्थिक दुर्बल घटकातील गुणवन्ताधारक गरजू विद्यार्थी शिक्षणापासून वंचित राहू नये म्हणून सावित्रीबाई फुले पुणे विद्यापीठाने महाविद्यालयांने / विद्यापीठ विभागामध्ये अव्यवसायिक अभ्यासक्रमास शिक्षण घेत असलेल्या विद्यार्थ्यांसाठी आर्थिक घटक अर्थसहाय्य योजना कार्यान्वित केलेला आहे.</p> <ol style="list-style-type: none"> विद्यार्थ्यांच्या पालकांचे (कुटुंबातील सर्व सदस्यांचे एकत्रित) वार्षिक उत्पन्न रु. २,५०,०००/- पेक्षा जास्त नसावे, यासाठी संबंधित तहसिलदारांचा दाखला आवश्यक राहिल. महाविद्यालये/विद्यापीठ शैक्षणिक अव्यवसायिक पदवी अभ्यासक्रमास शिक्षण घेत असलेल्या घेत असलेल्या जास्तीत जास्त २० व अव्यवसायिक पदव्युत्तर अभ्यासक्रमास जास्तीत जास्त १० विद्यार्थ्यां सदर योजनेसाठी पात्र राहतील. पात्र विद्यार्थ्यांस पदवी अभ्यासक्रमासाठी रु. ३,०००/- व पदव्युत्तर अभ्यासक्रमासाठी रु. ६,०००/- असे आर्थिक सहाय्य देण्यात येईल. विद्यार्थ्यांनि मागील लगतच्या परीक्षेत किमान ६५% गुण संपादित केलेले असावेत. महाविद्यालय/विद्यापीठ शैक्षणिक विभागामध्ये नियमित अभ्यासक्रमास प्रवेश घेतलेला असावा. विद्यार्थ्यांची नियमित अभ्यासक्रमात किमान ७५% उपस्थिती असणे आवश्यक राहिल या संदर्भात प्राचार्यांनी दाखला देणे आवश्यक राहिल. विद्यार्थ्यांस या योजनेच्या कालावधीत कोणतीही पगारी नोकरी स्विकारता येणार नाही. व्यवसायिक अभ्यासक्रमासाठी विद्यार्थ्यांची नोंदणी नसावी. विद्यार्थ्यांस गैरशिस्त/नैतिकता/परीक्षेतील. इ. बाबत शिक्षा गालेली नसावी. विद्यार्थ्यांभारतीय नागरिक असावा. त्यासाठी नागरिकत्वाचा साक्षात्कृत दाखला जोडणे आवश्यक राहिल. विद्यार्थ्यांनि त्यांच्या बक खात्याची संपूर्ण माहिती देणे आवश्यक आहे. उदा. बकेचे नाव, पत्ता खाते क्रमांक (एमआयसीआर कोड आणि आयएफ एससी कोड). संबंधित महाविद्यालयाचे प्राचार्य हे विद्यापीठाचे मान्यताप्राप्त किंवा प्रभारी प्राचार्य म्हणून मान्यताप्राप्त असावेत. विद्यार्थ्यांनि आणि संबंधित प्राचार्यांनी एकत्रित हमीपत्र भरून देणे आवश्यक राहिल. सदरचे अर्थसहाय्य पात्र विद्यार्थ्यांस संपूर्ण अभ्यासक्रमात एकदाच देण्यात येईल. 	
१३	राजर्षी शाहू महाराज शिष्यवृत्ती	<ol style="list-style-type: none"> सदरची योजना फक्त मागासवर्गीय विद्यार्थ्यांना लागू होणार आहे. सदरच्या योजनेसाठी उत्पन्नाची कोणतीही अट राहणार नाही केवळ गुणवन्ता हाच निकष राहिल. मागील लगतच्या परीक्षेत मागासवर्गीय विद्यार्थ्यांची किमान ६०% गुण संपादित केलेले असावेत. महाविद्यालय / विद्यापीठात शैक्षणिक विभागामध्ये विद्यार्थ्यांनि नियमित अभ्यासक्रमास प्रवेश घेतलेला असावा. विद्यार्थ्यांनी नियमित अभ्यासक्रमात किमान ७५% उपस्थिती असणे आवश्यक राहिल या संदर्भात प्राचार्यांनी दाखला देणे आवश्यक राहिल. सदर शिष्यवृत्तीचा एकूण २००० मागासवर्गीय विद्यार्थ्यांना लाभ मिळणार असून त्यापैकी ३६% विद्यार्थ्यांना गुणवन्तेनुसार (मागासवर्गीय प्रवर्गातील सर्व विद्यार्थ्यांना त्या प्रवर्गासाठी शासनाने विहित केलेल्या आरक्षणाच्या टक्केवारीनुसार शिष्यवृत्ती लाभ दिला जाईल. पदव्युत्तर अभ्यासक्रमास प्रवेश घेतलेल्या जास्तीत जास्त ८०० आणि पदवी अभ्यासक्रमासाठी जास्तीत जास्त १२०० विद्यार्थ्यांचे अर्ज शिष्यवृत्तीसाठी विचारात घेतले जातील. पात्र विद्यार्थ्यांस पदव्युत्तर अभ्यासक्रमासाठी रु. १८,०००/- व पदवी अभ्यासक्रमासाठी रु. १२,०००/- असे आर्थिक सहाय्य देण्यात येईल. सर्व अव्यवसायिक अभ्यासक्रमातील विद्यार्थ्यांचा गुणवन्तेनुसार शिष्यवृत्तीसाठी विचार केला जाईल. भारत सरकार शिष्यवृत्तीधारक विद्यार्थी सदर शिष्यवृत्तीसाठी पात्र नसेल. विद्यार्थ्यांस गैरशिस्त/नैतिकता/परीक्षेतील गैरप्रकार इ. बाबत शिक्षा गालेली नसावी. विद्यार्थ्यांनि त्यांच्या बक खात्याची संपूर्ण माहिती देणे आवश्यक आहे. उदा. बकेचे नाव पत्ता खाते क्रमांक (एमआयसीआर कोड आणि आयएफ एससी कोड). संबंधित महाविद्यालयाचे प्राचार्य हे विद्यापीठाचे मान्यताप्राप्त किंवा प्रभारी प्राचार्य म्हणून मान्यताप्राप्त असावेत. सदरचे अर्थसहाय्य पात्र विद्यार्थ्यांस संपूर्ण अभ्यासक्रमात एकदाच येईल. पात्र विद्यार्थ्यांचे वय पदवी अभ्यासक्रमाकरिता २५ व पदव्युत्तर अभ्यासक्रमाकरिता ३० पेक्षा जास्त नसावे. विद्यार्थ्यांनि आणि संबंधित प्राचार्यांनी एकत्रित हमीपत्र भरून देणे आवश्यक राहिल. 	

Scholarships offered by the College

1	Modern College of Arts, Science & Commerce, Ganeshkhind, Pune - 16. Endowment Prize	Awarded to the students standing 1 st in first year & second year of BA., B.Com., B.Sc., B.Sc (Comp.Sc.), B.Sc. (Microbiology) & M.Sc. (Biotechnology)
2	Sports Scholarship	Awarded to the students who have won medals at All India Inter University tournament.

Scholarships offered by alumni under Modernites Alumni Association

Sr.No	Name of Scholarship	Details
1	Gollapudy Scholarship (I) Sponsored by Mr. Sandeep Gollapudy in the memory of his father Ramesh Gollapudy.	Any one commerce student who is economically backward and secured at least 60% marks in previous examination
2	Gollapudy Scholarship (II) Sponsored by Mr. Sandeep Gollapudy in the memory of his mother Laxmibai Gollapudy.	Any one student of Arts, Commerce and Science who is economically backward and secured at least 60%marks in previous examination
3	Atal Scholarship Sponsored by Mr. Anand Parchure with the intension to sponsor the scholarship in lifelong.	Any five students of Arts, Commerce and Science who are economically backward and secured at least 60% marks in previous examination
4	Rani Laxmibai Shisyavruttee Sponsored by Mr. Anand Parchure for women empowerment.	Any three female students of Arts, Commerce and Science, who have secured at least 60%marks in previous examinations out of which one scholarship will be given to female student who is having her own business.
5	Tapkir Scholarship Sponsored by Mrs. Vanita Kunjir in the memory of her father Mr. Shankar Tapkir	Any four commerce student who are economically backward and secured at least 60% marks in previous examination
6	Nisal Scholarship Sponsored by Mr. Amey Nisal	Any one commerce student who is economically backward and secured at least 60%marks in previous examination and preparing for any of the competitive examinations

7	Gollapudy Scholarship (III) Sponsored by Mr. Sandeep Gollapudy in the memory of his father Ramesh Gollapudy.	Anyone from Last year graduation TYBCOM or MCOM Part II with Minimum marks at previous exam of 55% without any backlog. The Student having shown the progression in academic performance, Student having startup, Extra ordinary contribution in NCC or NSS of college
8	Prerana Puraskar	Any student of Second Year of BA having adverse economic conditions with Minimum marks at previous exam of 55% without any backlog
9	Sunita Chaugule Scholarship for Agricultural Background students	Any Student of commerce faculty of Second year B.Com or First Year M.Com with Minimum marks at previous exam of 55% without any backlog papers Students having adverse economic conditions and must be from agricultural background.
10	Mr. Shekhar Chaphekar Scholarship: Physically Challenged Student Scholarship	Physically challenged student of commerce faculty With Minimum 55%marks at previous examination without backlog and having adverse economic conditions
11	Manish Konde Scholarship: Single parent scholarship	Student of any stream of second, third year of under Graduate or Post graduate student who is necessarily to be single parent student.withMinimum 55%marks at previous examination without any backlog and having adverse economic conditions

Aadhar Card: As per the ambitious "Direct Cash Transfer" project by Central Government, **Aadhar Card UID No.** is compulsory for all the students seeking financial assistance from Government. Without an UID No. a student is not entitled to get the benefits of Govt. scholarships, freeships, etc.

International Students' Admission

Online Admissions of International Students are coordinated through a nodal agency, i.e International center of Savitribai Phule Pune University (SPPU).

International Students are advised to visit SPPU, Pune Website:www.unipune.ac.in

PG Courses : Important Academic Note

1 In pursuance of the decision to implement credit system at the post graduate level and ensure continuous assessment, the SPPU has decided to implement the credit & semester system (CSS) in all affiliated colleges and recognized institutions where post graduate courses are conducted.

2. Conduct of the Credit and Semester System in PG Centers

2.1 The Post-graduate degree will be awarded to students who obtain minimum number of credit as mentioned in table below:

Sr. No.	Name of the Faculty	Total Credits	Average credits per semester
1.	Faculty of Science, Engineering, Pharmacy. Management, Technology.	80	20
2.	Faculty of Arts, Fine Arts, Social Sciences, Commerce, Education, Physical Education, Law	64	16/32

MA/M.Com/M.Sc Courses Syllabus restructured from the Academic Year 2019-20

Except practical credits wherever applicable, students may be allowed to obtain less courses per semester on a condition that they complete the degree in a maximum of four years. This facility will be available subject to the availability of concerned courses in a given semester and with a maximum variation of 25% credits (in case of fresh credits) per semester.

2.2 The proportion of Laboratory courses shall be around 40% of total credits. Project work, if included, shall consist of NOT more than 10% of total credits in Science and 05% of total credits in non-Science degree programmes.

2.3 One credit will be equivalent to 15 clock hours of teacher- student contact per semester. There will be no mid-way change allowed from CSS to non-credit (external) system or vice versa.

3. Examination Rules:

3.1 Assessment shall consist of a) In-semester continuous assessment (CA) and b) end - semester assessment.

3.2 The teacher concerned shall announce the unit for which each in-semester assessment

will take place. However, the end-semester assessment shall cover the entire syllabus prescribed for course.

3.3 CA/In-semester assessment will be continuous and at least two tests should be conducted for full course of 4/5 credits and in addition to it at least two following mechanisms:

- i. Written Test and/or Mid Term Test (not more than one or two for each course)
- ii. Term paper,
- iii. Journal/Lecture/Library notes,
- iv. Seminar presentation,
- v. Short Quizzes,
- vi. Assignments,
- vii. Extension work,
- viii. An Open Book Test (books to be decided by the concerned teacher).
- ix. Mini Research Project by individual student or group of students.

3.4 End semester examination will be conducted by the SPPU.

- 3.5 To pass the degree course, a student shall have to get minimum 40% marks in each course, which separate passing in Internal as well as end semesters or external (SPPU) assessment.
- 3.6 If a student misses an internal assessment examination he/she will have a second chance with the permission of the Principal in consultation with the concerned teacher. Such a second chance shall not be the right of the student.
- 3.7 Internal marks will not change. A student cannot repeat Internal Assessment. In case she/he wants to repeat internal assessment she/he can do only by registering for the said courses during the 5th/6th semester and onwards up to 8th semester.
- 3.8 Students who have failed semester-end exam may reappear for the semester -end examination only twice in subsequent period. The student will be finally declared as failed if she/he does not earn minimum number of credits within a total period of four years (for 2 Yrs. P.G. Program) Five years (for 3 yrs. P. G. Program). After that, such students will have to seek fresh admission as per the admission rules prevailing at that time.
- 3.9 **A Student cannot register for the third**

semester, if she/he fails to complete 50% credits of the total credits expected to be ordinarily completed within two semesters.

- 3.10 There shall be Revaluation of the answer sheets of Semester-End examination but not of internal continues assessment papers as per Ordinance No.134A&B.
- 3.11 While marks will be given for all examinations, they will be converted into grades. The semester end grade sheets will have only grades and final grade sheets and transcripts shall have grade points average and total percentage of marks (up to two decimal points). The final grade sheet will also indicate the PG Center to which the candidate belongs.
- 4 Assessment and Grade point average:
- 4.1 **The system of evaluation will be as follows** : Each assignment/test will be evaluated in terms of grades. The grades for separate assignments and the final (semester-end)examination will be added together and then converted into a grade and later a grade point average. Results will be declared for each semester and the final examination will give total grades and grade point average.

Marks/ Grade/Grade Point w.e.f. AY 2015-16			Final Grade W.e.ef. the AY 2015-16 (10Point Scale):	
Marks	Grade	Grade Point	Grade Point Average	Grade
80-100	O: Outstanding	10	09.00 - 10.00	O
70-79	A+ : Excellent	9	08.50 - 09.00	A+
60-69	A: Very Good	8	07.50 - 08.40	A
55-59	B+: Good	7	06.50 - 07.49	B+
50-54	B: Above Average	6	05.50 - 06.49	B
45-49	C: Average	5	04.25 - 05.49	C
40-44	P: Pass	4	04.00 - 04.24	P
0-39	F:Fail	0	00.00 - 03.99	F
	Ab: Absent	0	Remark: B+ is equivalent to 55% marks and B is equivalent to 50% marks.	

5. Important: Compulsory Credits

A student will have to earn minimum 75% compulsory credits incorporated in the syllabus structure of the course chosen from parent department. The remaining 25% credits can be earned from courses offered by parent department or other Department /subjects with credit system structure. As per the Savitribai Phule Pune University guidelines, to complete the remaining 25% credits following 10 credits are compulsory.

Note: Among the three courses under Human Rights Education Programme, (HRE 101 introduction to Human rights and Duties) is the compulsory Course. In other two courses (HRE 102:Human Rights of Vulnerable and Disadvantaged Groups and HRE 103: Human Rights and Duties in India :Law ,Policy, Society and Enforcement Mechanism)students are free to select any one paper as per the decision of the head of the institution. Human rights programme is Self Study programme. Study material is available on university website.

		Human Rights	Introduction to Cyber security/ information security	Skill Development	Total Credits
First Year	Semester I	1 credit	1 credit	-	2 credits
	Semester II	1 credit	1 credit	-	2 credits
Second year	Semester III	-	1 credit	2 credits	3 credits
	Semester IV	-	1 credit	2 credits	3 credits
Total Credits		2 credits	4 credits	4 credits	10 credits

Introduction to constitution - Extra credit is compulsory for to all PG courses in semester 3. Students will earn 2 credits after completion.

6. Human Organ Donor

As per the Government of Maharashtra Public Health Department Notification and Savitribai Phule Pune University, Pune, Circular, students seeking admission to Post Graduate Courses of our College are encouraged to donate cadaver organs. Students will have to fill and submit the declaration form alongwith admission form. Organ donation pledge will be incorporated on interested students identity card.

7. Type of Assessment

Course Name	Type of Assessment	Exam	Total Marks
M.A.	Continuous Assessment (CA)	Internal	50%
	ESE (End of Semester Exam)	External	50%
M.Sc.	Internal Assessment (IA)	Internal	30%
	University Examination	External	70%
M.Com.	Internal Assessment (IA)	Internal	40%
	University Examination	External	60%

Academic Calendar 2021-22 (First Half)

	FIRST WEEK	SECOND WEEK	THIRD WEEK	FOURTH WEEK
JUNE	<ol style="list-style-type: none"> 1. Printing of Brochures 2. UG / PG Teaching (20-21) 	<ol style="list-style-type: none"> 1. Final Year University Exam (20-21) 2. UG / PG Teaching (20-21) 	<ol style="list-style-type: none"> 1. Admission Committee Meeting 2. Final Year University Exam (20-21) 3. UG / PG Teaching (20-21) 	<ol style="list-style-type: none"> 1. UG / PG Teaching (2020-21) 2. Internal Evaluation
JULY	<ol style="list-style-type: none"> 1. TY Mark Entry 2. Performance Appraisal Report submission (20-21) 	<ol style="list-style-type: none"> 1. Preparation for Academic Audit 	<ol style="list-style-type: none"> 1. Backlog Exam for old pattern 2. University Mark Entry 	<ol style="list-style-type: none"> 1. Backlog Exam for old pattern 2. University Mark Entry
AUGUST	<ol style="list-style-type: none"> 1. UG / PG Admission process begins 	<ol style="list-style-type: none"> 1. Entrance Examination for PG Programs 2. Independence Day (15th August) 	<ol style="list-style-type: none"> 1. UG / PG Admission process 2. Academic Audit Visit 	<ol style="list-style-type: none"> 1. UG / PG Admission process 2. Declaration of Merit list of PG (Science) Courses
SEPTEMBER	<ol style="list-style-type: none"> 1. Commencement of SY / TY / PG Second Year Online Teaching 2. World Population Day Program 3. Preparation for SSR 	<ol style="list-style-type: none"> 1. Filling up Scholarship & Free Ship Forms 2. Inauguration of EDC 3. Suicide Prevention Awareness Programme 	<ol style="list-style-type: none"> 1. Spoken English (Value Added Course) 2. Rashtra Bhasha Din (Hindi Day) 3. Induction Programme for FY Students 4. Parent's Meet 	<ol style="list-style-type: none"> 1. Commencement of UG/PG First Year Classes 2. Gender Sensitization Programme 3. Science Association Inauguration 4. NIRF Registration
OCTOBER	<ol style="list-style-type: none"> 1. Mahatma Gandhi Jayanti 2. Placement Cell Activity 	<ol style="list-style-type: none"> 1. Internal Evaluation Credit Pattern 	<ol style="list-style-type: none"> 1. Preparation of AQAR 2020-21 	<ol style="list-style-type: none"> 1. Dead stock verification 2. Preparation of AQAR

Academic Calendar 2021-22 (Second Half)

	FIRST WEEK	SECOND WEEK	THIRD WEEK	FOURTH WEEK
NOVEMBER	Diwali Vacation	Diwali Vacation	Diwali Vacation	1. Release of Kaleidoscope 2. Term End exam 2013 pattern 3. Submission of IIQA
DECEMBER	1. Preparation of AQAR 2. Mahaparinirvan Din	1. Preparation of AQAR	1. Litcarnation 2. Preparation of AQAR	1. Submission of AQAR 2. Submission of SSR
JANUARY	1. University Examination 2. Submission of AISHE data 3. Savitribai Phule Jayanti	1. Celebration of Vivekananda Jayanti 2. University Examination	1. University Examination 2. Preparation for PTV	1. Celebration of Kanitkar Day(25 th Jan) 2. Republic Day Flag Hoisting (26 th Jan)
FEBRUARY	1. Gender Sensitization Programme	1. Geo Carnival	1. Release of ODYSSEY	1. Expected Visit of Peer Team
MARCH	1. Study Tours	1. Prize Distribution	1. Remedial Lectures	1. Marathi Rashtra Bhasha Din
APRIL	Internal Evaluation Credit Pattern	1. Mahatma Phule Jayanti 2. Dr. Babasaheb Ambedkar Jayanti 3. Internal Evaluation	Internal Evaluation Credit Pattern	Internal Evaluation Credit Pattern
MAY	1. University UG Examination 2. Planning of Committees for next Academic Year	1. University UG Examination 2. Submission of Departmental and Committee reports to Central Documentation Committee	1. Printing of Prospectus, Admission forms	1. MA/M.Com Project, Viva 2. Year End Meeting & Distribution of Committee Work & College 3. Assessment of workload for advertisement for new posts 4. University PG Examinations

Courses Offered

UNDER GRADUATE COURSES

1. B.A. (Economics, English, Geography, History, Psychology, Sociology)
2. B.Com (Business Entrepreneurship/Cost & Work Accounting / Marketing Management / Banking & Finance)
3. B.Sc. (Microbiology/Chemistry/Physics/Botany/Zoology/Mathematics/Statistics)
4. B.Sc. (Computer Science)
5. B. Sc. (Biotechnology)
6. B.B.A. (C.A.)
7. B. Voc (Green House Technology and Food Processing)
8. B.C.A. (Science)
9. B.Sc (Blended)

POST GRADUATE COURSES

1. M. Sc. (Computer Science)
2. M. Sc. (Microbiology)
3. M. Sc. (Organic Chemistry)
4. M. Sc. (Biotechnology)
5. M. Sc. (Zoology)
6. M.Sc. (Mathematics)
7. M.Sc. (Computer Applications)
8. M.Sc. (Statistics)
9. M. Com. (Advanced Accounting/ Business Administration)
- 10.M.A. (Economics)
- 11.M.A. (Sociology)
- 12.M.A. (History)
- 13.MA (Psychology)
- 14.M Phil (Microbiology)
- 15.Ph.D (Microbiology)
16. M.Phil. (Zoology)
17. Ph.D. (Zoology)
18. Ph.D (Biotechnology)
19. M.Phil (Chemistry)

Note : Regarding the details of the eligibility conditions for above courses, students are advised to visit the Savitribai Phule Pune University website: www.unipune.ac.in

Value added Autonomous courses designed by every department in consultation with industry requirement

Important Academic Note : The detail syllabus for all above U.G. & P.G. courses is available on University website www.unipune.ac.in and college website - www.moderncollegegk.org.

Important Note :

For change in the Subject : If the Candidate wants to change the subject it should be done within 10 days after taking admission to respective class or prescribed date whichever is earlier.

Skill Development Courses offered by the College

No.	Course Name	Course Co-Ordinator	Name of the Department
Arts Faculty			
1	Basics of Business Communication	Dr. Shampa Chakravorthy	English
2	Marathi D.T.P.	Dr. Sanskriti Awalgaonkar	Marathi
3	Skills in Psycho Social Counselling	Dr. Sadhana Natu	Psychology
4	Certificate Course in Social Services & Welfare	Dr. Jyoti Gagangras	Sociology
5	Diversity Inequality & Public Policy	Dr. Jyoti Gagangras	Sociology
Commerce Faculty			
1	Entrepreneurship development program	Sujata Deshmukh	Commerce
2	Course in Operational Banking	Vijayalaxmi Kulkarni	Commerce
3	Personality Development Course	Dr. Priyanka Bhamare	Commerce
Computer Science			
1	Making Bakery Products	Ms. Dipali Tamhane	Computer Sc.
2	Web Designing, Development and Hosting	Prof. Satish Ambike	Computer Sc.
3	Computer Networks	Prof. Sapkal Kumud	Computer Sc.
Science Faculty			
1	Skill Development Program (Applied Zoology)	Dr. Shakera Inamdar	Zoology
2	Solar PV System Installation and Maintenance	Prof. Vaishali Salunke	Electronics
3	Printed Circuit Board Designing	Prof. Vaishali Salunke	Electronics
4	Repairing and Maintenance of Electrical & Home Appliances	Prof. Abanave Chhaya	Physics
5	Repair and Maintenance of Mobile Cell	Prof. Deepak S.Kumbhar	Electronics
6	Quality Control in Laboratories and Industries	Prof. Gauri Bhagat	Microbiology
7	Mathematical Modelling in Life Sciences	Prof. Swati Kandharkar	Mathematics
8	Use of Scilab Software	Prof. Shamal Deshmukh	Mathematics
9	C-Programming	Prof. Jayashree Jain	Mathematics
10	Vedic Mathematics	Prof. Pratiba Pawar	Mathematics
11	Recent Trends in Biological Techniques	Dr. Shakera Inamdar	Zoology
12	Archeology and Organic Evolution	Prof. Varsha Joshi	Physics & Zoology
13	Diversity & Taxonomy with special reference to Entomofauna	Dr. Shakera Inamdar	Zoology
14	Research Methodology and skill	Dr. Ravinda Kshirsagar	Zoology
15	Blogging and CMS	Dr. Sangeeta Dhamdhare	Library
16	Travel and Tourism	Prof. Motilal More	Geography
17	Natural Products Biotechnology	Dr. Vinay Kumar	Biotechnology
18	Finishing School	Dr. Shampa Chakravorthy	English
19	Beauty & Wellness - Certificate & Diploma		

Note: Each student shall complete at least two skill development courses from his / her faculty.

Arts Faculty

Profile

- Separate Departments for Subjects at Special Level with ICT Facility.
- Under Graduate Departments- Economics, History, Sociology, Geography, English & Psychology
- Post Graduate Department – Economics, Sociology & History
- Organized State and National Level Conferences for Staff and Students
- Ongoing Research Projects of Staff & Students
- Various Publication of Social Science Staff Members
- Remedial course in English and other subjects
- International students from different countries
- **History Department-** History Study Circle, Modi Script Course, Kaun Banega? History Scholar!!, History Museum, Historical Documentary film Club, Celebration of Birth anniversary of National Personalities, Commemoration of Historians, Study Tours
- **Geography Department-** Separate Library, Trekking, Cycling & Movie Club, Sky Watch, Study Tours, Guest Lecture, Field Visits, Seminars & Workshop Related to Subject, Geo Carnival
- **English Department-** Quest : Curiosity & Creativity Forum, Spoken English Course with Well Equipped 'Language Laboratory' facility, Film shows (syllabus related), Projects and State Level Essay Competition, What's the Good Word?, learning by sharing scheme, Literary Carnival & career related Workshops
- **Psychology Department-** Disha Psychology Study Circle and Kaleidoscope- Student Centric Magazine, Group discussion, Workshop, Counseling cell, Mindscape - the Research Compendium, Mastermind- the psychology Quiz, Koshish - structured Internship program, Psy World – Psychology Fair, Student Participation in National & International Conference, Skill Development Course Conducted annually, Umeed College community Mental Health
- **Sociology Department-** Society- Sociology Association, Wall papers, educational visits, lecture series, Health Awareness program, workshops, seminars, Street play, Gender Sensitization program, Tribal Handicraft Exhibition cum Sale, Collaborative Programmes with SPPU & well known NGOs, Engagement : Dialogical platform for Students & Film Screening
- **Economics Department-** Guest Lectures, Students' Economics Conference, Educational Visit, Poster Completion , Scrap Book Competition, Quiz Competition
- **Department of Political Science**
Conduct various activities such as Guest Lectures, Field Visits, Career Guidance Programmes, Educational Visits, Jidnyasa, Sanvidhan Din Programme , Voters Day Etc.
- **Department of Languages**
Various Competitions are conducted and special guidance is given for all three Languages English, Marathi & Hindi. The Students are encouraged to participate in activities such as wall magazines, presentation, and survey, Quiz, Enrichment of vocabulary and communication skills.

UG Courses: Arts Faculty

Name of the Course : B.A

Eligibility : HSC (10+2) or its equivalent with English Subject

Program Specific Outcome. (PSO) –UG

- Nurturing responsible citizens through socio-economic, linguistic and cultural engagement
- Identify and appreciate the real-world perspectives of knowledge through global understanding of texts and theories
- Promote professionalism and cultivate ethical behaviour
- Provide a plethora of avenues in career including higher studies, research and employment
- Ethics, Values and Integrity inculcated through the curricula which will be applicable in everyday life both profession and personal
- Develop an understanding about the need and role as citizens and taking up individual responsibilities

Course Structure :

FYBA Marathi Medium (Total Paper 6) 2019 pattern

Select any one from Group A & B

Group A				
Subject	Sem.	Code	Paper Name	Credit
Compulsory English	Sem I	11011	Compulsory English	3 Credits
	Sem II	11012	Compulsory English	3 Credits
Marathi	Sem I	11021A	Marathi Sahitya: katha ani Bhashik Kaushalya Vikas	3 Credits
	Sem II	11022A	Marathi Sahitya: Ekankika ani Bhashik Kaushalya Vikas	3 Credits
Sociology	Sem I	11371	Introduction to Sociology	3 Credits
	Sem II	11372	Social Institution & Change	3 Credits
Geography	Sem I	110A	Physical Geography	3 Credits
	Sem II	110 B	Human Geography	3 Credits
Political science	Sem I	11161A	Introduction to Indian Constitution I	3 Credits
	Sem II	11161B	Introduction to Indian Constitution II	3 Credits
Psychology	Sem I	11221	Foundation of Psychology	3 Credits
	Sem II	11222	Introduction to Social Psychology	3 Credits
Physical Education				2 Credits
Compulsory credit	Sem I	-	-	-
	Sem II		Democracy decentralization and governance	2 Credits

- **Total Credits of Sem I = 18 * & Total Credits of Sem II = 22***
- **FYBA Total Credits 40***
- **Minimum 50 % credits Require to secure the admission in the second year**

Group B				
Subject	Sem.	Code	Paper Name	Credits
Compulsory English	Sem I	11011	Compulsory English	3 Credits
	Sem II	11012	Compulsory English	3 Credits
Hindi	Sem I	11091B	Vaikalpik Hindi (Samanya Hindi)	3 Credits
	Sem II	11092B	Vaikalpik Hindi (Samanya Hindi)	3 Credits
History	Sem I	11171	Early India : Pre-History to Mouryan Period	3 Credits
	Sem II	11172	Early India: Post-Mouryan Age to Rashtrakutta	3 Credits
Economics	Sem I	11151	Indian Economic Environment -I	3 Credits
	Sem II	11152	Indian Economic Environment-II	3 Credits
Political science	Sem I	11161A	Introduction to Indian Constitution I	3 Credits
	Sem II	11162A	Introduction to Indian Constitution II	3 Credits
Psychology	Sem I	11221	Foundation of Psychology	3 Credits
	Sem II	11222	Introduction to Social Psychology	3 Credits
Physical Education				2 Credits
Compulsory credit	Sem I	-	-	-
	Sem II		Democracy decentralization and governance	2 Credits

- **Total Credits of Sem I = 19 * & Total Credits of Sem II = 19***
- **FYBA Total Credits 38***
- **Minimum 50 % credits Require to secure the admission in the second year**

FYBA English Medium (Total Paper 6)

Subject	Sem.	Code	Paper Name	Credits
Compulsory English	Sem I	11011	Compulsory English	3 Credits
	Sem II	11012	Compulsory English	3 Credits
Hindi	Sem I	11091B	Vaikalpik Hindi (Samanya Hindi)	3 Credits
or	Sem II	11092B	Vaikalpik Hindi (Samanya Hindi)	3 Credits
Additional English	Sem I	11331	Initiations	3 Credits
	SemII	11332	Initiations	3 Credits
Psychology	Sem I	11221	Foundation of Psychology	3 Credits
or	Sem II	11222	Introduction to Social Psychology	3 Credits
Political science	Sem I	11161A	Introduction to Indian Constitution - I	3 Credits
or	Sem II	11162A	Introduction to Indian Constitution - II	3 Credits
Defense Strategic Study	Sem I	11271	Defence Organization of India	3 Credits
	Sem II	11272	India's National Security	3 Credits
Economics	Sem I	11151	Indian Economic Environment I	3 Credits
or	Sem II	11152	Indian Economic Environment II	3 Credits
History	Sem I	11171	Early India : Pre-History to Mouryan Period	3 Credits
	Sem II	11172	Early India: Post-Mouryan Age to Rashtrakutta	3 Credits

Sociology	Sem I	11371	Introduction to Sociology	3 Credits
or	Sem II	11372	Social Institution & Change	3 Credits
Geography	Sem I	110A	Physical Geography	3 Credits
	Sem II	110 B	Human Geography	3 Credits
Physical Education				2 Credits
Compulsory credit	Sem I	-	-	-
	Sem II		Democracy decentralization and governance	2 Credits

- **Total Credits of Sem I = 18 * & Total Credits of Sem II = 22***
- **FYBA Total Credits 40***
- **Minimum 50 % credits Require to secure the admission in the second year**
- **Evaluation Pattern :-FYBA (Choice Based Credit System) 70:30-Pattern, (70-Semester-End Exam & 30-Internal Evaluation)**
- **A student must have to secure combine passing of (Semester-End Exam & Internal Evaluation) of Minimum 40 Marks**

SYBA CBCS Group A & Group B for Marathi Medium Students Select Any one

➤ **SYBA Marathi Medium Group A**

(Sociology and Geography select any one for Special Level)

Semester 3 & 4

Sociology special Group Marathi Medium				
	SEM 3	credit	SEM 4	credit
1	Compl .English	3	Compl .English	3
2	Sociology Spl-I DSE 1A	3	Sociology Spl-I DSE 1B	3
3	Sociology Spl-II DSE 2A	3	Sociology Spl-II DSE 2B	3
4	Sociology Gen SEC 1A	3	Sociology Gen SEC 1B	3
5	Geography CC-2C /MarathiCC-2C	3	Geography CC 2D/Marathi CC 2D	3
6	Psychology CC-2C/Political Science CC-2C	3	Psychology CC 2D/Political Science CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS 2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 24 + 2 Extra Credit**
- **Sem 4 total credit 24 + 2 Extra Credit**

Geography special Group Marathi Medium				
	SEM 3	CREDIT	SEM 4	CREDIT
1	Compl .English	3	Compl .English	3
2	Geography Spl-I DSE 1A	3	Geography Spl-I DSE 1B	3
3	Geography Spl-II DSE 2A	4	Geography Spl-II DSE 2B	4
4	Geography Gen SEC 1A	3	Geography Gen SEC 1B	3
5	Sociology CC 1C / Marathi CC 1C	3	Sociology CC1D/ Marathi CC 1D	3
6	Psychology CC 2C/Political Science CC 2C	3	Psychology CC 2D/Political Science CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 25+ 2 Extra Credit**
- **Sem 4 total credit 25 + 2 Extra Credit**

SYBA Marathi Medium Group B
(History and Economics select any one for Special Level)
Semester 3 & 4

History special Group Marathi Medium				
	SEM 3	CREDIT	SEM 4	CREDIT
1	Compl .English	3	Compl .English	3
2	History Spl-I DSE 1A	3	History Spl-I DSE 1B	3
3	History Spl-II DSE 2A	3	History y Spl-II DSE 2B	3
4	History Gen SEC1A	3	History Gen SEC 1B	3
5	Economics CC 1C / Hindi CC 1C/Add. English CC 1C	3	Economice CC 1D/ Hindi CC 1D Add. English CC 1D	3
6	Psychology CC 2C/Political Science CC 2C	3	Psychology CC 2D/Political Science CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 24+ 2 Extra Credit**
- **Sem 4 total credit 24 + 2 Extra Credit**

Economics special Group Marathi Medium				
	SEM 3	CREDIT	SEM 4	CREDIT
1	Compl .English	3	Compl .English	3
2	Economics Spl-I DSE 1A	3	Economics Spl-I DSE 1B	3
3	Economics Spl-II DSE 2A	3	Economics Spl-II DSE 2B	3
4	Economics Gen SEC 1A	3	Economics Gen SEC 1B	3
5	History CC 1C / Hindi CC 1C/Add. English CC 1C	3	History CC 1D/ Hindi CC 1D Add. English CC 1D	3
6	Psychology CC 2C/Political Science CC 2C	3	Psychology CC 2D/Political Science CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 24+ 2 Extra Credit**
- **Sem 4 total credit 24 + 2 Extra Credit**

SYBA English Medium (Select any Group one out of six)

English special Group				
	SEM 3	CREDIT	SEM 4	CREDIT
1	Compl .English	3	Compl .English	3
2	English Spl-I DSE 1A	3	English Spl-I DSE 1B	3
3	English Spl-II DSE 2A	3	English Spl-II DSE 2B	3
4	English Gen SEC 1A	3	English Gen SEC 1B	3
5	Political Science CC 1C/History CC 1C/Economics CC 1C	3	Political Science CC 1D/History CC 1D/Economics CC 1D	3
6	Psychology CC 2C/Sociology CC 2C/Geography CC 2C	3	Psychology CC 2D/Sociology CC 2D/Geography CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 24+ 2 Extra Credit**
- **Sem 4 total credit 24 + 2 Extra Credit**

Psychology special Group English Medium				
	SEM 3	CREDIT	SEM 4	CREDIT
1	Compl .English	3	Compl .English	3
2	Psychology Spl-I DSE 1A	3	Psychology Spl-I DSE 1B	3
3	Psychology Spl-II DSE 2A	3	Psychology Spl-II DSE 2B	3
4	Psychology Gen SEC 1A	3	Psychology Gen SEC 1B	3
5	Political Science CC 1C/History CC 1C/Economics CC 1C	3	Political Science CC 1D/History CC 1D/Economics CC 1D	3
6	Add. Eng CC 2C/Sociology CC 2C/Geography CC 2C	3	Add. Eng CC 2D/Sociology CC 2D/Geography CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 24+ 2 Extra Credit**
- **Sem 4 total credit 24 + 2 Extra Credit**

Sociology special Group English Medium				
	SEM 3	CERDIT	SEM 4	CREDIT
1	Compl. English	3	Compl .English	3
2	Sociology Spl-I DSE 1A	3	Sociology Spl-I DSE 1B	3
3	Sociology Spl-II DSE 2A	3	Sociology Spl-II DSE 2B	3
4	Sociology Gen SEC 1A	3	Sociology Gen SEC 1B	3
5	Geography CC 1C / Psychology CC1C/Add. Eng CC 1C	3	Geography CC 1D / PsychologyCC 1D/Add. Eng CC 1D	3
6	Economics CC 2C/History CC 2D/Political Science CC 2C	3	Economics CC 2D/History CC 2D/Political Science CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 24+ 2 Extra Credit**
- **Sem 4 total credit 24 + 2 Extra Credit**

Geography special Group English Medium				
	SEM 3	CREDIT	SEM 4	CREDIT
1	Compl .English	3	Compl .English	3
2	Geography Spl-I DSE 1A	3	Geography Spl-I DSE 1B	3
3	Geography Spl-II DSE 2A	4	Geography Spl-II DSE 2B	4
4	Geography Gen SEC 1A	3	Geography Gen SEC 1B	3
5	Sociology CC 1C / PsychologyCC1C/Add. Eng CC1C	3	Sociology CC 1D / PsychologyCC1D/Add. Eng CC1D	3
6	Economics CC 2C/ History CC 2C/ Political Science CC 2C	3	Economics CC 2D/ History CC 2D/ Political Science CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 25+ 2 Extra Credit**
- **Sem 4 total credit 25 + 2 Extra Credit**

History special Group English Medium				
	SEM 3	CREDIT	SEM 4	CREDIT
1	Compl .English	3	Compl .English	3
2	History Spl-I DSE 1A	3	History Spl-I DSE 1B	3
3	History Spl-II DSE 2A	3	History y Spl-II DSE 2B	3
4	History Gen SEC 1A	3	History Gen SEC 1B	3
5	Economics CC 1C / Psychology CC 1C/Add. English CC 1C	3	Economics CC 1D/ Psychology CC 1D Add. English CC 1D	3
6	Geography CC 2C/ Sociology CC 2C/ Political Science CC 2C	3	Geography CC 2D/ Sociology CC 2D/ Political Science CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- **Sem 3 total credit 24+ 2 Extra Credit**
- **Sem 4 total credit 24 + 2 Extra Credit**

Economics special Group English Medium				
	SEM 3	CREDIT	SEM 4	CREDIT
1	Compl .English	3	Compl .English	3
2	Economics Spl-I DSE 1A	3	Economics Spl-I DSE 1B	3
3	Economics Spl-II DSE 2A	3	Economics Spl-II DSE 2B	3
4	Economics Gen SEC 1A	3	Economics Gen SEC 1B	3
5	History CC 1C / Psychology CC 1C/Add. English CC 1C	3	History CC 1D/ Psychology CC 1D/Add. English CC 1D	3
6	Geography CC 2C/Sociology CC 2C/Political Science CC 2C	3	Geography CC 2D/Sociology CC 2D/Political Science CC 2D	3
7	Ability enhancement Compulsory course EVS 1	2	Ability enhancement Compulsory course EVS2	2
8	Modern Indian Languages MIL1	2	Modern Indian Languages MIL2	2
9	Skill enhancement course SEC 2A	2	Skill enhancement course SEC 2B	2

- Sem 3 total credit 24+ 2 Extra Credit
- Sem 4 total credit 24 + 2 Extra Credit

TYBA Marathi Medium Group A

Semester 5 & 6

Sociology special Group Marathi Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	Sociology Spl-III DSE 1C	3+ (1Research project field work etc.)= 4	Sociology Spl-III DSE 1D	3+ (1Research project field work etc.)= 4
3	Sociology Spl-IV DSE 2C	3+ (1Research project field work etc.)= 4	Sociology Spl-IV DSE 2D	3+ (1Research project field work etc.)= 4
4	Sociology Gen SEC 1C	3	Sociology Gen SEC 1D	3
5	Geography CC 1E / MarathiCC 1E	3	Geography CC 1F/ MarathiCC 1F	3
6	Psychology CC 2E/Political Science CC 2E	3	Psychology CC 2F /Political Science CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

- Sem 5 total credit 24
- Sem 6 total credit 24

Geography special Group Marathi Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	Geography Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	Geography Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	Geography Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	Geography Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	Geography Gen SEC 1C	3	Geography Gen SEC 1D	3
5	Sociology CC 1E / Marathi CC 1E	3	Sociology CC 1F/ Marathi CC 1F	3
6	Psychology CC 2E/Political Science CC 2E	3	Psychology CC 2F/Political Science CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

- **Sem 5 total credit 24**
- **Sem 6 total credit 24**

TYBA Marathi Medium Group B

Semester 5 &6

History special Group Marathi Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	History Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	History Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	History Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	History y Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	History Gen SEC 1C	3	History Gen SEC 1D	3
5	Economics CC 1E/ Hindi CC 1E/Add. English CC 1E	3	Economics CC 1F/ Hindi CC 1F Add. English CC 1F	3
6	Psychology CC 2E/Political Science CC 2E	3	Psychology CC 2F/Political Science CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

- **Sem 5 total credit 24**
- **Sem 6 total credit 24**

Economics special Group Marathi Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	Economics Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	Economics Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	Economics Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	Economics Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	Economics Gen SEC1C	3	Economics Gen SEC 1D	3
5	History CC 1E / Hindi CC 1E/Add. English CC 1E	3	History CC 1F/ Hindi CC 1FAdd. English CC 1F	3
6	Psychology CC 2E/Political Science CC 2E	3	Psychology CC 2F/Political Science CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

- **Sem 5 total credit 24**
- **Sem 6 total credit 24**

TYBA English Medium (Select any Group one out of six)

English special Group				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	English Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	English Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	English Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	English Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	English Gen SEC 1C	3	English Gen SEC 1D	3
5	Political Science CC 1E/History CC 1E/Economics CC 1E	3	Political Science CC 1F/History CC, 1F / Economics CC 1F	3
6	Psychology CC 2E/SociologyCC 2E/Geography CC 2E	3	Psychology CC, 2F/ Sociology CC, 2F/ Geography CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

- **Sem 5 total credit 24**
- **Sem 6 total credit 24**

Psychology special Group English Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	Psychology Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	Psychology Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	Psychology Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	Psychology Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	Psychology Gen SEC 1C	3	Psychology Gen SEC 1D	3
5	Political Science CC 1E/History CC 1E/Economics CC 1E	3	Political Science CC 1F/History CC1F/Economics CC 1F	3
6	Add. Eng CC 2E/Sociology CC 2E/Geography CC 2E	3	Add. Eng CC 2F/SociologyCC 2F/Geography CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

• **Sem 5 total credit 24**

• **Sem 6 total credit 24**

Sociology special Group English Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	Sociology Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	Sociology Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	Sociology Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	Sociology Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	Sociology Gen SEC 1C	3	Sociology Gen SEC 1D	3
5	Geography CC 1E /Psychology CC 1E/Add. Eng CC 1E	3	Geography CC 1F / Psychology CC 1F/Add. Eng CC 1F	3
6	Economics CC 2E/History CC 2E/Political Science CC 2E	3	Economics CC 2F/History CC 2F/Political Science CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

• **Sem 5 total credit 24**

• **Sem 6 total credit 24**

Geography special Group English Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	Geography Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	Geography Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	Geography Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	Geography Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	Geography Gen SEC 1C	3	Geography Gen SEC 1D	3
5	Sociology CC 1E/ Psychology CC 1E/Add. Eng CC 1E	3	Sociology CC 1F / Psychology CC 1F/Add. Eng CC 1F	3
6	Economics CC 2E/History CC 2E/Political Science CC 2E	3	Economics CC 2F/History CC 2F/Political Science CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

- **Sem 5 total credit 24**
- **Sem 6 total credit 24**

History special Group English Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	History Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	History Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	History Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	History y Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	History Gen SEC 1C	3	History Gen SEC 1D	3
5	Economics CC 1E / Psychology CC 1E/Add. English CC 1E	3	Economics CC 1F/ Psychology CC 1F/Add. English CC 1F	3
6	Geography CC 2E/Sociology CC 2E/Political Science CC 2E	3	Geography CC 2F/Sociology CC 2F/Political Science CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

- **Sem 5 total credit 24**
- **Sem 6 total credit 24**

Economics special Group English Medium				
	SEM 5	CREDIT	SEM 6	CREDIT
1	Compl .English	3	Compl .English	3
2	Economics Spl-III DSE 1C	3+ (1Resarch project field work etc.)= 4	Economics Spl-III DSE 1D	3+ (1Resarch project field work etc.)= 4
3	Economics Spl-IV DSE 2C	3+ (1Resarch project field work etc.)= 4	Economics Spl-IV DSE 2D	3+ (1Resarch project field work etc.)= 4
4	Economics Gen SEC 1C	3	Economics Gen SEC 1D	3
5	History CC 1E/Psychology CC 1E/Add. English CC 1E	3	History CC 1F/ Psychology CC1F/Add. English CC 1F	3
6	Geography CC 2E/Sociology CC 2E/Political Science CC 2E	3	Geography CC 2F/Sociology CC 2F/Political Science CC 2F	3
7	Generic Elective Course GE 1	2	Generic Elective Course GE 2	2
8	Skill enhancement course SEC 2C	2	Skill enhancement course SEC 2D	2

• **Sem 5 total credit 24**

• **Sem 6 total credit 24**

- Semester V and VI -DSE 3+1 = One credit is for Research Project/field visit/ or any other subject centricActivities to be taken by the students in consultation with the concerned teacher.
- GE: Generic Elective Course

PG Courses: Arts Faculty

M.A. Economics

Eligibility: B.A. (Economics) or Bachelor's degree in any faculty

Course structure (Credit System)

Duration: 2 Years

Economics Department : PG : Program Specific Outcome. (PSO) –PG

Sr. No.	Objectives/ Outcomes
1	Helps students to get in-depth knowledge of Economics.
2	Important for further studies and research.
3	To Study the relationship among broad aggregates.
4	To apply economic reasoning to problems of the economy
5	Specific options of career in Economics.

➤ Part One

Paper No.	Title of the Paper	Paper No.	Title of the Paper
Semester I		Semester II	
Core Subjects		Core Subjects	
1. 12301	Micro Economic Analysis -I	1. 22301	Micro Economics analysis -II
2. 12302	Public Economic -I	2. 22302	Public Economic -II
3. 12303	International Trade	3. 22303	International Finance
4. 12304	Agricultural Economics	4. 22304	Labor Economics

➤ Part Two

Paper No.	Title of the Paper	Paper No.	Title of the Paper
Semester III		Semester IV	
Core Subjects		Core Subjects	
EC -3001	Macro Economics Analysis -I	EC -4001	Macro Economics Analysis - II
EC -3002	Growth & Development I	EC -4002	Growth & Development II
EC -3003	Research Methodology I	EC -4003	Research Project
EC -3004	Demography	EC -4004	Economic Environment

CBCS Pattern

M.A. History

Eligibility: B.A. (History) or Bachelor's degree in any faculty

Course structure (Credit System)

Duration: 2 Years

History Department PG:Program Specific Outcome. (PSO) -PG

Sr. No.	Objectives/ Outcomes
1	Cultivate Research Qualities among the Students
2	In depth Study of the Subject from macro to micro level
3	Inculcate Socio- cultural and Moral Values among the Students
4	Trace out the roots of Contemporary Society from the Past
5	Develop over all personality of the students

➤ Part One

Sem -I		Sem -II	
No .	Title of the Paper	No.	Title of the Paper
1. 12291	History Its Theory & Method	1. 22291	Approaches To History
2. 12292	Evolutions Ideas & Institution In Early India	2. 22292	Evolutions Ideas & Institution In Medieval India
3. 12293	Maratha Polity	3. 22293	Socio - Eco History of Maratha
4. 12296	Social Background of Dalit Movement in Maharashtra	4. 22295	Nature of Dalit Movement in Maharashtra

➤ **Part Two**

Sem -III		Sem -IV	
No .	Title of the Paper	No.	Title of the Paper
1.32291	Cultural History of Maharashtra	1.42291	Modern Maharashtra: History of Ideas
2.32292	Intellectual History of Modern West	2.42292	Debates in Indian Historiography
3.32293	Economic History of Modern India	3.42293	World after World War II 1945 To 2000
4.32294	East Asia :Japan 1853 to 2000	4.42294	Modern India

M.A. Sociology

Eligibility: B.A. (Sociology) or Bachelor's degree in any faculty

Course structure (Credit System)

Duration: 2 Years

Sociology Department PG:Program Specific Outcome. (PSO) -PG

Sr. No.	Objectives/ Outcomes
1	Explain and apply the major theoretical perspectives in sociology They will enable to see the world from others' perspective also
2	Design and evaluate sociological research with Interdisciplinary Manner.
3	To understand the central concepts developed by the theorists to analyse the social world
4	To understand the application of the scientific method to understand 'social realities 'with critical approach
5	They can Understand their Responsibility towards civic, Policy Engagement and Sustainability

➤ **Part One**

Sem -I		Sem -II	
No .	Compulsory papers	No.	Compulsory papers
SC 01	Classical Sociological Thought	SC 04	Sociological Theories - I
SC 02	Sociology of India	SC 05	Methodology of Social Research
SC 03	Applications of Sociological Research Methods		
	Optional Papers		Optional Papers
SO 03	Sociology of Maharashtra: Culture & Society	SO 04	Sociology of Education
		SO 05	Sociology of Media

➤ **Part Two**

Sem -III		Sem -IV	
No .	Compulsory papers	No.	Compulsory papers
SC 05	Contemporary Social Theories	SC 08	Sociology of Globalization
SC 06	Sociology of Development		
Optional Papers		Optional Papers	
SO 09	Sociology of Gender	SO 11	Sociology of Human Rights
SO 11	Sociology of environmental sustainability	SO 12	Ethnicity and Nationalism in India
		SO13	Sociology of Law and Policing
		SO14	Dissertation

MA Psychology

Eligibility: B.A. (Psychology)

Course structure (Credit System)

Duration: 2 Years

➤ **Part One**

Sem-I		Sem-II	
1. EP101	Cognitive Psychology	1. EP201	Cognitive –Advances
2. EP102	Psychometrics	2. EP202	Psychometrics- Application
3. EP103	Research Methodology-I	3. EP203	Research Methodology-II
4. EP104	Practical –Testing	4. EP204	Practical –Experiment

➤ **Part Two (Core papers are compulsory, Group A is Clinical Psychology specialization, Group B is Industrial Psychology)**

Sem -III		Sem -IV	
Core Paper	Counselling Process & Skill	Core Paper	Areas of Counselling
Group A: Clinical Psychology	Psychopathology I	Group A: Clinical Psychology	Psychopathology - II
	Psycho -diagnostics		Psychotherapies
	Project – Clinical Base		Practicum – Clinical Base
Group B: Industrial Psychology	Counselling Process & Skill	Group B: Industrial Psychology	Areas of Counselling
	Personnel Psychology		Human Recourse Management
	Organizational Behavior		Organizational Development
	Project Industrial Base		Practicum – Industrial Base

MA (Economics, History, Sociology & Psychology)

Guidelines regarding Credit System

1. To complete Post-Graduation of four semesters together total **64 CREDITS** are **MANDATORY**
2. To secure the admission in the second year minimum **16 Credits** should be earned in first two semesters.

Type of Assessment	Exam	Total Marks	Passing Marks
CA (Continuous Assessment)	Internal	50 Marks	15 Marks
ESE (End of Semester Exam)	University	50 Marks	15 Marks

- A student must have to secure combine passing of CA & ESE of Minimum 40 Marks
- Exam format for extra Credits consists of Written Exam, Practical & Viva

	Semester	Human Rights	Introduction to Cyber Security	Skill Development	Constitution	Total Credits
MA I	Sem I	1 Credit (25 Marks)	1 Credit (25 Marks)	---	----	2 Credit (50 Marks)
	Sem II	1 Credit (25 Marks)	1 Credit (25 Marks)	---	----	2 Credit (50 Marks)
MA II	Sem III	---	1 Credit (25 Marks)	2 C credit (50 Marks)	2 Credit (50 Marks)	5 Credit (75 Marks)
	Sem IV	---	1 Credit (25 Marks)	2 Credit (50 Marks)	----	3 Credit (75 Marks)
Total Credits		2 Credit (50 Marks)	4 Credit (100 Marks)	4 Credit (100 Marks)	2 Credit (50 Marks)	12Credit (300 Marks)

Introduction to constitution - Extra credit is compulsory for to all PG courses in semester 3. Students will earn 2 credits after completion.

Commerce Faculty

Profile

- Courses offered under commerce faculty are B.Com, M.Com & B.B.A(CA).
- Qualified and experienced teaching faculty
- Well-furnished and Well-equipped infrastructure.
- Industry expert time to time visit and guide the students.
- Medium of instruction is English and a special division for Marathi medium.
- Faculty has linkages with organization such as MCCIA, MCED, MITCON and Agriculture College of Banking (RBI)
- Special subjects available at B.Com level are Cost and Works Accounting, Marketing, Banking & Finance and Business Entrepreneurship. At M.Com level specialization available in Accounting & Business Administration.
- Skill based certificate courses like Operational Banking, Entrepreneurship development programme, and Transformation course are available.
- Campus placements are available with companies like TCS, WNS global services and Bajaj Finserv.

Activities

Commerce education aims at providing knowledge of theory as well as practice. To instill employability and leadership skills amongst students several Co-curricular & Extra Curricular activities are conducted whole round the year which has participation of maximum number of students, few of them are-

- Commerce Circle, Cost Fest, Marketing Carnival, Banking Club, Entrepreneurship Development Cell, MAGNIT (BBACA).
- On the Job training in Vidya Sahakari bank, Certificate course in Tally.
- Other activities – Industrial visits, Guest lectures, Workshop, Conferences etc.

U.G. Courses - Commerce Faculty

Name of Course : B.Com

Eligibility: H. S. C (10+2) or its equivalent with English Subject

Faculty of Commerce (B.Com & M.Com)

Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives / Outcomes
1	To impart the knowledge and practical training in the areas of commerce and management.
2	To inculcate a sense of social responsibility.
3	To develop various skills to make them employable
4	To make the students aware of various career opportunities.
5	To develop keen interest in higher studies.

Choice based Credit system for B.com

The B.Com Degree Course (2019 pattern) Choice based credit system will be introduced in the following order

a. First Year B.Com. 2019-2020

b. Second Year B.Com. 2020-2021

c. Third Year B.Com. 2021-2022

SPPU/ B.Com. Structure/CBCS/ 2019-20 onwards, the B.Com. Degree Course will consist of six semesters divided into three Years.

The first year (Semester I and II) choice based credit system examination will be held at the end of the each semester.

The Second Year (Semester III and IV) and Third Year (Semester V and VI) choice based credit system examination will be held at the end of each semester.

PRACTICALS

- a) Each practical course will be of one credit.
- b) There will be practical and practical examination for semester I and II of the F.Y.B.Com For the **Course Financial Accounting.**
- c) There will be practical and practical examinations for the S.Y.B.Com. (Semester III and IV) and of T.Y.B.Com. (Semester V & VI) for Elective Courses (**Banking & Finance, Marketing Management, Cost & Works Accounting & Business Entrepreneurship**)
- d) There will be Practical for the S.Y.B.Com level **Compulsory Course, Business Communication (Semester III and IV) & for T.Y.B.Com Auditing and Taxation (Semester V) & (Semester VI)**

STANDARD OF PASSING

A Candidate is required to obtain 40% marks in Internal Assessment, Practical Examination and Semester End University Examination. It means that passing separately at internal assessment, practical examination and semester end university examination is compulsory.

METHODS OF EVALUATION

The evaluation of students will be done on three parameters:-

a. Internal assessment

b. Practical Examination (list of Courses having practical is given)

c. University examination for university examination, question papers will be set for seventy marks (three hours duration).

*Evaluation will be done on a continuous basis, three times during each semester. Internal assessment will be of 30 marks.

*The colleges need to adopt any three out of the following methods for internal assessment:-

- a. Written examination
- b. Quiz
- c. Presentations
- d. Projects
- e. Assignments
- f. Tutorials
- g. Oral examination.

**SCHEMES OF CREDITS – Total credits for three year integrated
B.Com. Course is as follows:-**

Sr. No.	Semester No	No. of courses	Lecture Hours	Credit per course	Credit for practical courses	Add on course credit (*)	Lectures + Practical + add on courses Total Credits =
1.	I	7	48	3	1	1	21+1+1=23
2.	II	7	48	3	1	1	21+1+1=23
3.	III	6	48	3	2	0	18+2+20
4.	IV	6	48	3	2	2	18+2+2=22
5.	V	6	48	3	3	0	18+3=21
6.	VI	6	48	3	3	2	18+3+2=23
Total No. of credits							132

Add on Courses

Sr. No.	Add on course	Class	Semester	Credit
1.	Value added course - I	F.Y.B.Com.	I	1
2.	Value added course - II	F.Y.B.Com	II	1
3.	Environment Awareness	S.Y.B.Com	IV	2
4.	Specific Add - on Course related to specialized Course/ Internship	T.Y.B.Com	VI	2
Total				6

Notes :

1. A Compulsory credit of 'Democracy, Election & Governance' [2 credits] is applicable in addition to the above credits for first year students in Sem 2.
2. Two credits of Physical Education are applicable to first year students.

F.Y.B.Com

Semester I Course No.	Semester I Title of Paper	Semester II Course No.	Title of Paper
111	Compulsory English - I	121	Compulsory English - II
112	Financial Accounting - I	122	Financial Accounting - II
113	Business Economics - I	123	Business Economics - II
114 (A)	Business Mathematics and Statistics - I	124 (A)	Business Mathematics and Statistics - II
115	Optional Group. (A) (Any one of the Following) a) Organization Skill Development b) Banking and finance	125	Optional Group. – (A) (Any one of the Following) a) Organization Skill Development b) Banking and finance
116	Optional Group. (B) (Any one of the Following) a) Marketing & Salesmanship b) Business Environment & Entrepreneurship	126	Optional Group. (B) (Any one of the Following) a) Marketing & Salesmanship b) Business Environment & Entrepreneurship
117	Any one of the following Language Additional English/ / Marathi/ Hindi	127	Any one of the following Language Additional English/ / Marathi/ Hindi

S.Y.B.Com

Semester III Course No.	Semester III Title of Paper	Semester IV Course No.	Semester IV Title of Paper
231	Business Communication - I	241	BusinessCommunication - II
232	Corporate Accounting - I	242	Corporate Accounting - II
233	Business Economics - I (Macro)	243	Business Economics -II (Macro)
234	Business Management -I	244	Business Management -II
235	Elements of Company Law - I	245	Elements of Company Law - II
236	Special Course Paper -I (Any One) a) Banking and Finance b) Cost and Works Accounting c) Marketing Management d) Business Entrepreneurship (Marathi)	246	Special Course Paper -I (Any One) a) Banking and Finance b) Cost and Works Accounting c) Marketing Management d) Business Entrepreneurship (Marathi)

T.Y.B.Com

Semester V Course No.	Semester V Title of Paper	Semester VI Course No.	Semester VI Title of Paper
351	Business Regulatory Framework -I	361	Business Regulatory Framework-II
352	Advanced Accounting - I	362	Advanced Accounting -II
353	Indian and Global Economic Development- I	363	Indian and Global Economic Development- II
354	Auditing & Taxation I	364	Auditing & Taxation-II
355	Special Course Paper - II (Same Special Course Offered at S.Y.B.Com) a) Banking and Finance b) Cost and Works Accounting c) Marketing Management d) Business Entrepreneurship (Marathi)	365	Special Course Paper -II (Same Special Course Offered at S.Y.B.Com) a) Banking and Finance b) Cost and Works Accounting c) Marketing Management d) Business Entrepreneurship (Marathi)
356	Special Course Paper – III a) Banking and Finance b) Cost and Works Accounting c) Marketing Management d) Business Entrepreneurship (Marathi)	366	Special Course Paper – III a) Banking and Finance b) Cost and Works Accounting c) Marketing Management d) Business Entrepreneurship (Marathi)

Note : Admission to Cost & Work Accounting-I: subject is given on merit basis

1) Optional Subjects taken in S.Y. B.Com can't be changed in T.Y.B.Com

2) Environmental Awareness course is compulsory for S.Y.B.Com

PG Courses : Commerce Faculty

Name of the course: M.Com

Duration:2 years (Four Semesters)

Eligibility: Bachelor's degree of S.P.P.U. or any other recognized university

Program Specific Outcome

Sr. No.	Objectives/ Outcomes
1	To motivate the students for further education
2	To inculcate a sense of social accountability.
3	To make them professionally more capable and employable
4	To promote them for research
5	To impart various life and professional skills

Admission: Admission to the M.COM.-I and II are given in accordance with the rules prescribed by the S.P.P.U from time to time.

Course Structure (Choice Based Credit System)

➤ PART ONE

Special Subjects - GROUP 'A': Advanced Accounting Taxation and Auditing, GROUP 'F' : Business Administration

Semester-I		Semester-II	
Paper No.	Title of the Paper	Paper No.	Title of the Paper
101	Management Accounting	201	Financial analysis and control
102	Strategic Management	202	Industrial Economics
	Special Paper - I		Special Paper - III
	(Group A-Paper I/Group F-Paper I)		(Group A-Paper III/Group F-Paper III)
	Special Paper – II		Special Paper - IV
	(Group A-Paper II/Group F-Paper II)		(Group A-Paper IV/Group F-Paper IV)

➤ PART TWO

Semester-III		Semester-IV	
Paper No.	Title of the Paper	Paper No.	Title of the Paper
301	Business Finance	401	Capital Market and Financial Services
302	Research Methodology for Business	402	Industrial Economic Environment
	Special Paper V		Special Paper - VII
	(Group A-Paper V/Group F-Paper V)		(Group A-Paper VII/Group F-Paper VII)
	Special Paper – VI		Special Paper - VIII
	(Group A-Paper VI /Group F-Paper VI)		(Group A-Paper VIII/Group F-Paper VIII)

GROUP A : Subjects		GROUP F : Subjects	
Paper No.	Title of the Paper	Paper No.	Title of the Paper
103	PAPER I - Advanced Accounting	113	PAPER I - Production Operations Mgt
104	PAPER II - Income Tax	114	PAPER II - Financial Management
203	PAPER III - Specialized Areas in Accounting	213	PAPER III - Bus. Ethics and Professional Values Mgt.
204	PAPER IV - Business Tax Assessment and Planning	214	PAPER IV - Elements of knowledge Mgt.
303	PAPER V - Advanced Auditing	313	PAPER V - Human Resource Management
304	PAPER VI - Specialized Auditing	314	PAPER VI - Organizational Behavior
403	PAPER VII - Recent Advances in Accounting	413	PAPER VII – Recent Advances in Business Administration
404	Paper VIII - Project work	414	PAPER VIII Project work

NOTE : A STUDENT CAN SECURE ADMISSION TO SECOND YEAR SEMESTER III ONLY IF HE OR SHE SCORES AT LEAST 16 CREDITS IN FIRST YEAR DURING SEMESTER I & II
PAPER VIII - Project work is compulsory for all the students of Group A and F. Project viva-voce will be conducted at the end of semester IV, as per the schedule declared by Savitribai Phule Pune University.

Introduction to constitution - Extra credit is compulsory for to all PG courses in semester 3. Students will earn 2 credits after completion.

B.B.A (CA) (Bachelor of Business Administration in Computer Applications)

Bachelor Of Business Administration In Computer Application BBA(CA)

Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives / Outcomes
1	To impart professional training of computer application for any stream
2	To provide sound academic base to make advanced career in Computer Application
3	To provide conceptual knowledge of Practical Business Application
4	To provide basic practical knowledge of Computer Tools
5	To develop Business Communication skills & provide personality developments skills

Duration: 3 Years

CC-Core Course, EC-Elective Course, PR-Practical, PJ-Project, AECC-Ability Enhancement Compulsory Courses, SEC-Skill Enhancement Courses.

Total - 132 Credits for Three years Programme

Sr. No.	Semester	CC – Credit	EC Credit	PR Credit	PJ Credit	AEC Credit	SEC – Credit	Lectures + Project +add oncourses= Total Credits
1	I	15		4			2	15+4+2 =21
2	II	15		4			2	15 +4 +2=21
3	III	9	6	6		2		9+6+6+2=23
4	IV	9	3	4	4		2	9+3+4+4+2=22
5	V	9	3	4	4		2	9+3+4+4+2=22
6	VI	10	3	4	4		2	10+3+4+4+2=23
Total		67	15	26	12	2	10	67+15+26+12+2 +10=132

➤ Part One

SEMESTER- I					SEMESTER- II				
Subject Code	Subject Name	Course	Credits		Subject Code	Subject Name	Course	Credits	
			Th	Pr				Th	Pr
CA-101	Business Communication	CC	3		CA-201	Organization Behavior & Human Resource Management	CC	3	
CA-102	Principles of Management	CC	3		CA-202	Financial Accounting	CC	3	
CA-103	C Language	CC	3		CA-203	Business Mathematics	CC	3	
CA-104	Database Management System	CC	3		CA-204	Relational database	CC	3	
CA-105	Statistics	CC	3		CA-205	Web Technology HTML-JS-CSS	CC	3	
CA-106	Computer Laboratory Based on 103 &104 (2 credits each)	PR		4	CA-206	Computer Laboratory Based on 204 & 205(2 credits each)	PR		4
107	Add-On (PPA) (30 Hours)	SEC	2		207	Add-On (Advance C) (30 Hours)	SEC	2	

➤ Part Two

SEMESTER- III					SEMESTER- IV				
Subject Code	Subject Name	Course	Credits		Subject Code	Subject Name	Course	Credits	
			Th	Pr				Th	Pr
CA-301	Digital Marketing	CC	3		CA-401	Networking	CC	3	
CA-302	Data Structure	CC	3		CA-402	Object Oriented Concepts Through CPP	CC	3	
CA-303	Software Engineering	CC	3		CA-403	Operating System	CC	3	
CA-304	Angular JS	EC	3		CA-404	NODE JS	EC	3	
OR					OR				
CA-304	PHP	EC	3		CA-404	Advance PHP	EC	3	
CA-305	Big data	EC	3		CA-405	Project	EC		4
OR					CA-406	Computer Laboratory Based on 402,404 (2 credits each)	PR		4
CA-305	Block chain	EC	3		4	ADD-On (30 Hours)	SEC	2	
CA-306	Computer Laboratory Based on 302 ,304 and 305 (2 credits each)	PR		2+2+2=6					
307 AECC	Environment Awareness	AECC	2						

SEMESTER- V					SEMESTER- VI				
Subject Code	Subject Name	Course	Credits		Subject Code	Subject Name	Course	Credits	
			Th	Pr				Th	Pr
CA-501	CyberSecurity	CC	3		CA-601	Recent Trends in Information Technology (Tutorial/Assignment)	CCT	3+1	
CA-502	OOSE	CC	3						
CA-503	Core.Java	CC	3		CA-602	Software Testing	CC	3	
CA-504	MongoDB	EC	3		CA-603	Advanced Java	CC	3	
					CA-604	Android Programming	EC	3	
OR					OR				
CA-504	Python	EC	3		CA-604	Dot Net framework	EC	3	
CA-505	Project	PJ		4	CA-605	Project	PJ		4
CA-506	ComputerLaboratoryBased on 503 and 504(2 creditseach)	PR		4	CA-606	Computer LaboratoryBased on 603 and 604 (2 credits each)	PR		4
5	Add on CourseIOT(30Hours)			2					

Introduction to constitution - Extra credit is compulsory for to all PG courses in semester 3. Students will earn 2 credits after completion.

Evaluation Method

2019 Pattern

1. Award of Credits:

- Each course having 3 credits shall be evaluated out of 100 marks and student should secure at least 40 marks to earn full credits of that course.
- Each course with 2 credits for Sem-I & Sem-II, Sem-V & Sem-VI is divided in theory (50%) & practicals (50%) and for Sem-III, IV there will be project subjects studied by students. For all these there will be university evaluation. For Sem-I, II, V & VI (30% Internal & 70% External)
- GPA shall be calculated based on the marks obtained in the respective subject provided that student should have obtained credits for that course.

2. Evaluation Pattern:

- Each course carrying 100 marks shall be evaluated with Continuous Assessment (CA) and University Evaluation (UE) mechanism. Continuous assessment shall be of 30 marks while University Evaluation shall be of 70 marks. To pass in a course, a student has to secure minimum 40 marks provided that he should secure minimum 28 marks in University Evaluation (UE).
- CA shall be based on internal tests, various activities such as home assignments, tutorials, seminars, presentations, group discussion etc, to the students and evaluate accordingly.

3. ATKT Rules:

- A student shall be allowed to keep term for the Second Year, if he/she has a backlog of not more than four theory heads of total number of subjects of the First Year examination, which consist of First & Second Semester.
- A student shall be allowed to keep term for the Third Year, if he/she has no backlog of First year & if he/she has a backlog of not more than four theory heads of total number of subjects of the Second year examination, which consist of Third & Fourth Semester.

Standard of Passing – The programme shall be a full time course and the duration of the programme shall be of three years divided into six Semesters. A candidate is required to obtain 40% marks in Internal Assessment, Projects and Semester end SPPU examination. There will be separate passing for SPPU examination.

4. Method of Evaluation and Evaluation Criteria: -

1. Internal Assessment 30 marks for all theory related subjects
2. Practical and Project will be evaluated separately
3. SPPU - Examination will be 70 marks

The class work will carry 30 marks in each course. Internal Evaluation includes continuous evaluation of a student by adopting variety of techniques such as Assignments, Presentation, Internal examination, Group Discussions, Projects etc. There shall be Four small projects /Tutorials for internal evaluation as compulsory part of assessment (Semester I, II, III and IV)

Science Faculty

The College has 13 well established departments under Science faculty. These are Physics, Chemistry, Mathematics, Statistics, Electronics, Botany, Zoology, Microbiology, Biotechnology, Computer Science, B.C.A., B.Voc and B.Sc Blended.

- Recognized M.Phil and Ph.D. research centres in Chemistry, Zoology, Microbiology and Biotechnology.
- Qualified and experienced faculty members.
- Well furnished, well equipped laboratories with internet access in each department for teachers as well as for students.
- Facilities are provided for UG and PG students and teachers for doing research projects.
- Funded research projects from apex funding agencies.
- Students are encouraged to participate in workshops and conferences.
- Study tours/industrial visits/institutional visits/field visits/guest lectures and career guidance lectures are arranged every year by various departments.
- A separate Placement Cell facility for PG students from Chemistry, Microbiology (Udaan), Biotechnology and Computer Science.
- Science faculty is supported by DBT STAR Status for UG and DST FIST Scheme for PG courses and DBT-Builder Program from Government of India.

Activities for students

- **Anubhuti** Annual Science exhibition conducted by Science Association.
- **Interaction** an Intercollegiate competition and **Tech Fest** an interclass competition organized by Computer Science department.
- **Mathematical Hockey** competition conducted by mathematics Department to improve the computational skills of the students.
- **Mathematics Club** is a platform to showcase students' creativity. It includes display of mathematics related information like articles from papers, students' articles, question of the week, etc.
- **Pramey** Departmental publication of Mathematics Department managed by students.
- **Mathematics Quiz** for B.Sc. students.
- **Vedic Mathematics and C-programming** certificate courses conducted for skill development of students.
- **Physiquia** a talent search competition including quiz, puzzle solving, cartoon drawing and Ludo game based on Physics concepts organized by Physics department.
- **Stats Quiz** for students organized by PUSA (Savitribai Phule Pune University Statistics Association). Hands-on training of different softwares like MS EXCEL, R, SPSS is arranged for students by Statistics department.
- **Chemiad** an intercollegiate competition organized by Department of Chemistry, Savitribai Phule Pune University, conducted by Chemistry department. The department has collaboration with SPPU/IISER for skill based courses. NET, SET guidance is provided by the department through expert academicians. Guest lectures from industrial experts are also arranged by the department.
- **e-waste awareness and collection drive** is initiated by electronics department. To improve technical skills and basic knowledge in the subject, competitions like Quiz (Snake and Ladder game), one minute game, assemble it game, written test, etc. is conducted by electronics department, in association with SPEED, SPPU.
- **Scientific Rangoli and Salad decoration competition** is organized by Microbiology department based on subject theme.
- **Biozone** an annual technical programme including guest lecture series of experts from Industry and academics is organized by Biotechnology department for providing hands on training to students.
- **Biodiversity Trail** is organized by Botany department to understand the biodiversity of the surroundings.
- **Zoocraft** an intercollegiate competition on classical and applied Zoology is organized by Zoology department.

U. G. Courses : Science Faculty

I) B.Sc. (General)

Eligibility *: H.S.C. (10+2 Science) or its equivalent with English subject

Botany -Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives/ Outcomes
1	To develop the aptitude towards plant science among the students
2	Student get knowledge about various basic skills related to field as well as in the laboratory based studies in plant science
3	To explore the plant diversity and create awareness about the biodiversity conservation
4	Student will learn the technique to identify the plant sample
5	Student will understand the application of plant science in allied branches
6	Student also get knowledge how plant research has diverse applications in providing staple foods, materials such as timber, oil, rubber, fibre and drugs, in modern horticulture, agriculture and forestry, plant propagation, breeding and genetic modification, in the synthesis of chemicals and raw materials for construction and energy production, etc

Chemistry - Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives/ Outcomes
1	It is expected to inspire and boost interest of the students towards chemistry as the main subject. Students are expected to understand the fundamentals, principles, mathematical concepts and analytical techniques in Chemistry.
2	Students are expected to know the importance of chemistry in everyday life. They will be able to relate physical and chemical phenomena around us with chemical point of view.
3	As the course gradually deepens the subject knowledge from first year to third year, it makes students well versed with physical chemistry, quantum mechanics, co-ordination chemistry and its applications in various fields.
4	It would help students to learn various aspects of organic chemistry and its usefulness in natural products isolations, pharmaceuticals, dyes, textiles, polymers, petroleum products, forensic etc.
5	The environmental chemistry course would create awareness and sense of responsibilities. The practical courses are in relevance to the theory courses to improve the understanding of the concepts. It would help in development of practical skills of the students. Students would be able to design, analyse and interpret data theoretically as well as practically.
6	The practical courses would help them to develop good laboratory practices, understand standard operating procedures, preparation of various solutions, identification and removal of impurities, use of analytical instruments, syntheses of complexes and small organic molecules etc.
7	The students will be thus introduced to concepts, applications and recent developments to inculcate research aptitude. It would enable to develop interdisciplinary approach of the subject for students.
8	It will help students to build up a progressive successful career and become responsible citizens

Electronics -Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives/ Outcomes
1	To provide in depth knowledge of scientific and technological aspects of electronics.
2	To familiarize with current and recent technological developments.
3	To enrich knowledge through programme such as industrial visits, hobby projects, market survey etc.
4	To train students in skills required for electronics industry and market.
5.	To create foundation for research and development in Electronics
6.	To develop analytical abilities towards real world problem
7.	To help students build-up a progressive and successful career in Electronics

Mathematics - Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives/ Outcomes
1	Students should be able to model, solve and interpret the practical real life problem.
2	Problem solving skills, creative talent to convert the verbal information into mathematical form are enhanced.
3	Interdisciplinary approach is developed.
4	Theoretical concepts are strengthened by solving maximum no. of problems.
5	To enhance abstract thinking of students.

Statistics - Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives / Outcomes
1	The subject STATISTICS is common for all faculties because in everyday life we are required to use the concepts of STATISTICS in many ways.
2	In every field even fast growing fields like COMPUTER and BIOTECHNOLOGY we do require the basic concepts or knowledge of STATISTICS for analysis purpose.
3	So the aim is to make users of STATISTICS the importance of having the thorough knowledge of Basic Concepts of Statistics, and to avoid the misuse of STATISTICS.

Microbiology : Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives/ Outcomes
1	To enrich students' knowledge and train them in various branches of Microbiology such as medical microbiology, genetics and molecular biology, biochemistry, immunology, fermentation technology; air, water, food and soil microbiology.
2	To introduce the concepts of application and research in Microbiology

3	To understand basic microbiological concepts and perform following procedures as per laboratory standards
a)	Aseptic techniques
b)	Preparation of reagents and nutrient media
c)	Isolation, characterization and maintenance of bacterial cultures
d)	Production of biofertilizers
e)	Microbial analysis/ Quality Control testing of samples such as soil, water, milk and injectibles.
f)	Biochemical and molecular biology techniques, enzyme assays, chromatography, electrophoresis.
g)	Antibiotic sensitivity testing and haematological techniques.
h)	Basic computer literacy
4	To inculcate sense of scientific responsibilities and social and environmental awareness
5	To help students build-up a progressive and successful career

Physics : Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives / Outcomes
1	To improve the basic concepts of Physics by describing its application in day today life - Some Students have at least started thinking of involvement of Physics in the situations occurring in nature. It was noticed during the scientific discussions with the students.
2	To cultivate research aptitude through interdisciplinary projects- Student Research Projects are getting Converted into Research Papers.
3	To enhance the experimental skills through models and mini projects - Student's Demonstrated innovative experiments and models to the school students, Outreach programme (school activity) organized by department for school students in different schools.
4	To encourage students -centric, extra-curricular and co-curricular activities. These help the students in developing creative minds, leadership quality, ability to work in a group /with peers and also enhances their interest in the subject.

Zoology : Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives / Outcomes
1	To provide quality education in a branch of Biological sciences i.e Zoology with different specializations
2	To facilitate Higher education & research in zoology
3	To Inculcate the spirit of resource conservation and love for nature
4	To provide quality education offering skill based programs and motivate the students for self employment in applied branches of Zoology
5	Provide consultancy and organize extension activities

Course Structure - Select any one group**Duration : 3 Years**

F.Y. B.Sc.		S.Y. B.Sc.		T.Y. B.Sc.	
Groups for Div A		Groups for Div A			
1.	Physics, Chemistry, Mathematics, Electronics	1.	Physics, Chemistry, Mathematics, English	1. Chemistry	
2.	Physics, Chemistry, Mathematics, Statistics	2.	Physics, Mathematics, Statistics, English	2. Mathematics	
		3.	Chemistry, Mathematics, Statistics English	3. Physics	
		4.	Physics, Chemistry, Zoology, English	4. Microbiology	
	Groups for Div .B.		Groups for Div .B	5. Zoology	
3.	Physics, Chemistry, Botany, Zoology	4.	Botany, Microbiology Zoology, English	6. Botany	
4.	Chemistry, Zoology Botany, Microbiology	5.	Chemistry, Zoology Microbiology, English	7. Statistics	
		6.	Chemistry, Zoology Botany, English	(Each subject has 6 theory & 3 practical courses)	

Note:

- (i) **Students who have passed Diploma in Engineering/ Pharmacy are eligible for admission in S.Y.B.Sc. course.**
- (ii) Student has to select any one group at F.Y. and S. Y. level (At SY level, select appropriate group which includes subjects offered at F.Y.)
- (iii) Environmental Awareness Course is compulsory for S.Y.B.Sc. (second term)
- iv) The syllabus of TY.B.Sc. has been revised from this academic year (2021-22). Students can visit the SPPU official website for the detailed syllabi.

II) B.Sc. Blended degree program

Eligibility: H.S.C. (10+2) with Chemistry, Physics, Biology and/or Mathematics subjects

B.Sc. Blended is a three year degree program of Savitribai Phule Pune University (SPPU) equivalent to the degree program of University of Melbourne, Australia (UOM). The University of Melbourne (UOM) is the topmost university in Australia and has a world ranking 31 and is among 7th in the world for graduate employability.

The syllabus is designed by the experts from the University of Melbourne Australia (UOM), Indian Institute for Science Education and Research Pune (IISERP), Savitribai Phule Pune University and Modern College of Arts, Science and Commerce, Pune that covers the graduate attributes.

The B.Sc. Blended program is a joint initiative of these reputed educational institutes offering a transparent and internationally recognized Bachelor's degree.

In the first two years of the degree program, all four basic sciences (Biology, Chemistry,

Mathematics and Physics) will be taught providing basic knowledge and in the third year there is specialization in Chemistry. Chemistry is a fundamental science having a multidisciplinary approach, hence, the students can have a wide choice of subjects in the higher studies. In addition to the core subjects, the students take elective courses with an interdisciplinary and skill based approach. There is a

Choice Based Credit System for grading.

Moreover, UOM provides support in terms of special lectures, workshops, and quality assurance.

Objectives of the program

- To introduce the fundamentals of science education.
- To enrich students' knowledge in all basic sciences.
- To help the students to build an interdisciplinary approach.
- To inculcate a sense of scientific responsibilities and social and environment awareness.
- To help students to build-up a progressive and successful career in academics and industry.

Highlights of the Program

- Modern College is the first college in India running B.Sc. Blended program.
- The degree will be considered at par with that of UOM.
- The students will be imparted solid training to enable them to pursue higher studies in the reputed institutes in India and abroad.
- UOM gives fellowship to the meritorious students to pursue higher studies in UOM.
- During the tenure B.Sc. Blended, the students will have an opportunity to interact with the expert faculties from UOM.
- The students get credits for the project work in the third year.

Taking all this into consideration, implementation of B.Sc.(Blended) in Chemistry at Progressive Education Society's Modern College of Arts, Commerce and Science, Ganeshkhind, Pune-411016 unfolds the new foundation in the area of Chemical sciences.



Alex Jonsson and Deb King from University of Melbourne Visited on August 21, 2019

Principal Dr. Sanjay Kharat, Dr. Alex Johnson, Dr. Deb King, Vice-Principal Mrs. Swati Kandharkar, Joint Secretary Prof Suresh Todkar, Deputy Secretary Dr. Prakash Dixit, Dr. Mukula Joshi

III) B.Sc. Computer Science with Mathematics

Eligibility :

1. H.S.C (10+2) Science with Mathematics or its equivalent.

Programme Structure:

1. BSc Computer Science is of 3 years duration.
2. The minimum total no of credits requirement for each programme is 132. In this structure, the credits are distributed over 6 semesters.
3. The open elective included, gives the student a wide choice of subjects from other programmes.
4. The credit structure for Subjects:

Sr. No.	Objectives/ Outcomes
1	Prepare technically skilled personnel for jobs in IT sector.
2	Upgrading students with soft skills.
3	To give the core knowledge of computer science subject.
4	To give awareness and applicability of Technical courses.
5	Higher Education and Research

F.Y.B.Sc.

➤ Part One

Semester I (Total credits=22)							
Course type	Paper Code	Paper title	Credits		Evaluation		
			T	P	CA	UA	TOTAL
CC-I	CS-111	Problem Solving using Computer and 'C' Programming	2		15	35	50
	CS-112	Database Management Systems	2		15	35	50
	CS-113	Practical course based on CS101 and CS102		1.5	15	35	50
CC-II*		Mathematics – I, II and III					
CC-III*		Electronics – I, II and III					
CC-IV*		Statistics – I, II and III					

Semester II (Total credits=22)							
Course type	Paper Code	Paper title	Credits		Evaluation		
			T	P	CA	UA	TOTAL
CC-V	CS-121	Advanced 'C' Programming	2		15	35	50
	CS-122	Relational Database Management Systems	2		15	35	50
	CS-123	Practical course based on CS201 and CS202		1.5	15	35	50
CC-VI*		Mathematics – I,II and III					
CC-VII*		Electronics – I, II and III					
CC-VIII*		Statistics – I,II and III					

S. Y. B. Sc. (Computer Science)

➤ Part Two

Semester III (Total credits=22)							
Course type	Paper Code	Paper title	Credits		Evaluation		
			T	P	CA	UA	TOTAL
CC-IX	CS-231	Data Structures and Algorithms – I	2		15	35	50
	CS-232	Software Engineering	2		15	35	50
	CS-233	Practical course based on CS301		2	15	35	50
CC-X*		Mathematics – I, II and III					
CC-XI*		Electronics – I,II and III					
AECC-I*		Environment Science – I	2				
AECC-II*		Language Communication – I	2				

Semester IV (Total credits=22)							
Course type	Paper Code	Paper title	Credits		Evaluation		
			T	P	CA	UA	TOTAL
CC-XII	CS-241	Data Structures and Algorithms – II	2		15	35	50
	CS-242	Computer Networks - I	2		15	35	50
	CS-243	Practical course based on CS401		2	15	35	50
CC-XIII*		Mathematics – I,II and III					
CC-XIV*		Electronics – I, II and III					
AECC-III*		Environment Science – I	2				
AECC-IV*		Language Communication – I	2				

*Note : S.Y.B.Sc.: Environment Awareness Course is Compulsory.

T. Y. B. Sc. (Computer Science)

Semester V (Total credits=22)

Course type	Paper Code	Paper title	Credits		Evaluation		
			T	P	C A	U A	TOT AL
DSEC - I	CS-351	Operating Systems – I	2		1 5	3 5	50
	CS-352	Computer Networks – II	2		1 5	3 5	50
	CS-357	Practical course based on CS 351		2	1 5	3 5	50
DSEC - II	CS-353	Web Technologies – I	2		1 5	3 5	50
	CS-354	Foundations of Data Science	2		1 5	3 5	50
	CS-358	Practical course based on CS 353 and CS 354		2	1 5	3 5	50
DSEC - III	CS-355	Object Oriented Programming - I (Core Java)	2		1 5	3 5	50
	CS-356	Theoretical Computer Science	2		1 5	3 5	50
	CS-359	Practical Course based on CS 355		2	1 5	3 5	50
SECC - I	CS-3510	Python Programming	1	1	1 5	3 5	50
SECC - II	CS-3511	Blockchain Technology	1	1	1 5	3 5	50

Semester V (Total credits=22)

Course type	Paper Code	Paper title	Credits		Evaluation		
			T	P	C A	U A	TOT AL
DSEC - I	CS-361	Operating Systems – II	2		1 5	3 5	50
	CS-362	Software Testing	2		1 5	3 5	50
	CS-367	Practical course based on CS 361		2	1 5	3 5	50
DSEC - II	CS-363	Web Technologies – II	2		1 5	3 5	50
	CS-364	Data Analytics	2		1 5	3 5	50
	CS-368	Practical course based on CS 363 and CS 364		2	1 5	3 5	50
DSEC - III	CS-365	Object Oriented Programming - II (Advanced Java)	2		1 5	3 5	50
	CS-366	Compiler Construction	2		1 5	3 5	50
	CS-369	Practical Course based on CS 365		2	1 5	3 5	50
SECC - III	CS-3610	Software Testing Tools	1	1	1 5	3 5	50
SECC - IV	CS-3611	Project	1	1	1 5	3 5	50

B. Sc. Biotechnology (CBCS Semester Pattern)

IV) B.Sc. (Biotechnology)

Eligibility: H.S.C. (10+2) Science or its equivalent Examination with English and Maths.

Biotechnology : Program Specific Outcome. (PSO)

Sr. No.	Objectives/ Outcomes
1	Students develop global competencies in the area of basic and applied biological sciences.
2	Enhancing the subject knowledge of students by using traditional and modern ICT based teaching methods and learning by doing.
3	To enrich students' knowledge and train them in various branches of Biotechnology such as genetics, molecular biology, biochemistry, immunology, fermentation technology, environmental biotechnology and tissue culture techniques.
4	To groom the students to meet futuristic challenges and national interests.
5	To bestow the students with all the research skills required to work independently
6	To develop scientific temperament and social responsibilities in the students.
7	To inculcate nature care by imparting knowledge of advance modern techniques

(2019 Pattern)

➤ Part One

F. Y. B. Sc.

Semester I				
Subject Code	Name of Subject	Credits	Number of Lectures	Marks
BBt-101	Fundamentals of Chemistry-I	2 Credits	30	50 (35 External +15 Internal)
BBt-102	Fundamentals of Physics	2 Credits	30	50 (35 External +15 Internal)
BBt-103	Biochemistry-I	2 Credits	30	50 (35 External +15 Internal)
BBt-104	Biophysics	2 Credits	30	50 (35 External +15 Internal)
BBt-105	Animal Sciences-I	2 Credits	30	50 (35 External +15 Internal)
BBt-106	Plant Sciences-I	2 Credits	30	50 (35 External +15 Internal)
BBt-107	Microbiology I	2 Credits	30	50 (35 External +15 Internal)
BBt-108	Biomathematics and Biostatistics-I	2 Credits	30	50 (35 External +15 Internal)

PRACTICALS

BBt-109	Practical In Chemistry and Biochemistry	1.5 Credits	15 P	50 (35 External +15 Internal)
BBt-110	Practical In Plant and animal science	1.5 Credits	15 P	50 (35 External +15 Internal)
BBt-111	Practical In Microbiology	1.5 Credits	15 P	50 (35 External +15 Internal)
BBt-112	Practical In Physics and Biophysics	1.5 Credits	15 P	50 (35 External +15 Internal)
Total Credits (Theory + Practical)		22 Credits		

Semester II

Subject code	Name of Subject	Credits	Number of Lectures	Marks
BBt-201	Fundamentals of Chemistry II	2 Credits	30	50 (35 External +15 Internal)
BBt-202	Biochemistry II	2 Credits	30	50 (35 External +15 Internal)
BBt-203	Bioinstrumentation	2 Credits	30	50 (35 External +15 Internal)
BBt-204	Animal Sciences II	2 Credits	30	50 (35 External +15 Internal)
BBt-205	Plant Sciences II	2 Credits	30	50 (35 External +15 Internal)
BBt-206	Microbiology II	2 Credits	30	50 (35 External +15 Internal)
BBt-207	Biomathematics and Biostatistics-II	2 Credits	30	50 (35 External +15 Internal)
BBt-208	Computer in biology	2 Credits	30	50 (35 External +15 Internal)

PRACTICALS

BBt-209	Practical In chemistry & Biochemistry II	1.5 Credits	15 P	50 (35 External +15 Internal)
BBt-210	Practical In Plant and animal science	1.5 Credits	15 P	50 (35 External +15 Internal)
BBt-211	Practical In Microbiology & Bioinstrumentation	1.5 Credits	15 P	50 (35 External +15 Internal)
BBt-212	Practical In Computer & Biostatistics	1.5 Credits	15 P	50 (35 External +15 Internal)
Total Credits (Theory + Practical)		22 Credits		

S. Y. B. Sc.**> Part Two**

Semester III				
Subject code	Name of Subject	Credits	Number of Lectures	Marks
BBt-301	Cell Biology I	2 Credits	30	50 (35 External +15 Internal)
BBt-302	Molecular Biology I	2 Credits	30	50 (35 External +15 Internal)
BBt-303	Genetics	2 Credits	30	50 (35 External +15 Internal)
BBt-304	Metabolism	2 Credits	30	50 (35 External +15 Internal)
BBt-305	Environmental Biotechnology	2 Credits	30	50 (35 External +15 Internal)
BBt-306	Bio analytical Techniques	2 Credits	30	50 (35 External +15 Internal)
EVS-231	AECC-I Environment Science theory Paper -1	2 Credits	30	50 (35 External +15 Internal)
LA-231	AECC-II Language theory Paper 1	2 Credits	30	50 (35 External +15 Internal)

PRACTICALS

BBt-309	Practical in Cell Biology and Genetics	2 Credits	15 P	50 (35 External +15 Internal)
BBt-310	Practical in Bio analytical Techniques	2 Credits	15 P	50 (35 External +15 Internal)
BBt-311	Practical in Molecular Biology and Environmental Biotechnology	2 Credits	15 P	50 (35 External +15 Internal)
Total Credits (Theory + Practical)		22 Credits		

Semester IV				
Subject code	Name of Subject	Credits	Number of Lectures	Marks
BBt-401	Cell Biology II	2 Credits	30	50 (35 External +15 Internal)
BBt-402	Molecular Biology II	2 Credits	30	50 (35 External +15 Internal)
BBt-403	Immunology	2 Credits	30	50 (35 External +15 Internal)
BBt-404	Animal Development	2 Credits	30	50 (35 External +15 Internal)
BBt-405	Plant Development	2 Credits	30	50 (35 External +15 Internal)
BBt-406	Microbial Biotechnology	2 Credits	30	50 (35 External +15 Internal)
EVS-241	AECC-III Environment Science theory Paper -2	2 Credits	30	50 (35 External +15 Internal)
LA-241	AECC-IV Language theory Paper 2	2 Credits	30	50 (35 External +15 Internal)

PRACTICALS

BBt-409	Practical in Molecular Biology and Microbial Biotechnology	2 Credits	15 P	50 (35 External +15 Internal)
BBt-410	Practical in Animal and Plant Development	2 Credits	15 P	50 (35 External +15 Internal)
BBt-411	Practical in Cell Biology and Immunology	2 Credits	15 P	50 (35 External +15 Internal)
Total Credits (Theory + Practical)		22 Credits		

*Note- S.Y.B.Sc.: Environment Awareness Course is compulsory.

T. Y. B. Sc.

Semester V				
Course code	Course Title	Credits	Number of Lectures	Marks
BBt-501	Industrial Microbiology	2 Credits	30	50 (35 External +15 Internal)
BBt-502	R- DNA technology	2 Credits	30	50 (35 External +15 Internal)
BBt-503	Plant Tissue Culture	2 Credits	30	50 (35 External +15 Internal)
BBt-504	Animal Tissue Culture	2 Credits	30	50 (35 External +15 Internal)
BBt-505	Applied biotechnology I	2 Credits	30	50 (35 External +15 Internal)
BBt-506	Biodiversity and Systematics	2 Credit	30	50 (35 External +15 Internal)
BBt-507	SEC - I : Summer Industrial Internship / Review writing/ Start up Design or Case study Report	2 Credits	30	50 (35 External +15 Internal)
BBt-508	SEC - II: Project formulation and presentation	2 Credits	30	50 (35 External +15 Internal)

PRACTICALS

BBt-509	Practical in Industrial Microbiology	2 Credits	15 P	50 (35 External +15 Internal)
BBt-510	Practical in Plant Tissue Culture and Animal Tissue Culture	2 Credits	15 P	50 (35 External +15 Internal)
BBt-511	Practical in R- DNA technology and Biodiversity	2 Credit	15 P	50 (35 External +15 Internal)
Total Credit (Theory + Practical)		22 Credit		

Semester VI				
Course code	Course Title	Credits	Number of Lectures	Marks
BBt-601	Enzyme and Enzyme Technology	2 Credits	30	50 (35 External +15 Internal)
BBt-602	Agriculture Biotechnology	2 Credits	30	50 (35 External +15 Internal)
BBt-603	Applied Biotechnology II	2 Credits	30	50 (35 External +15 Internal)
BBt-604	Food and Pharmaceutical Biotechnology	2 Credits	30	50 (35 External +15 Internal)
BBt-605	Bio informatics	2 Credits	30	50 (35 External +15 Internal)
BBt-606	Bio safety and Bio ethics and IPR	2 Credits	30	50 (35 External +15 Internal)
BBt-607 & 608	SEC - III & SEC - IV : Project	4 Credit	60	100 (70 External +30 Internal)

PRACTICALS

Bbt- 609	Practical in Enzyme Technology	2 Credits	15 P	50 (35 External +15 Internal)
BBt- 610	Practical in Agriculture Biotechnology and Bioinformatics	2 Credits	15 P	50 (35 External +15 Internal)
BBt- 611	Practical in Food and Pharmaceutical Biotechnology	2 Credits	15 P	50 (35 External +15 Internal)
Total Credit (Theory + Practical)		22 Credit		

Note : Each theory course is of 2 credits and practical 1.5 credits

IV) B.Voc (Food Processing Technology)

Eligibility: The eligibility conditions for admission to B.Voc. programme shall be HSC (10+2) or equivalent, in any stream. Criteria for selection: First come first basis

Intake capacity: 50 for each course

Course Structure: (Credit & Semester System) **Duration: 3 years**

Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives / Outcomes
1	To educate, train and produce modern professionals for food processing and allied industries.
2	To compete with multinationals and generate employments by developing trained professional at par global standards.

About the Course: The University Grants Commission (UGC) has launched a scheme to uplift higher education through skill development courses offered as a part of college education that leads to Bachelor of Vocational (B.Voc.) Degree with multiple exits such as Diploma/Advanced Diploma under the National Skill Qualification framework (NSQF). The B.Voc. programme is focused on providing undergraduate studies which would also incorporate specific job roles and their NOSs (National Occupational Standards) along with broad based general education. This would enable the graduates completing B.Voc. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.

This course will identify and fill the skill gaps.

The mandate of this program is to create a course with industry- academia collaboration that will produce skilled workforce satisfying specific needs of the industry. This course will offer multiple needs of the industry. The structure will allow students to have thorough theoretical knowledge coupled with rigorous hands-on training in both laboratory and industry.

Levels of Awards

This course will offer multiple exits such as Diploma/ Advanced Diploma/ B. Voc. Degree each imparting students with employability & entrepreneurship in industry of chosen specialization which will be offered under the aegis of the University.

Award	Duration
Diploma	1 Year
Advanced Diploma	2 Years
B.Voc. Degree	3 Years

Examination Pattern: Each course will have:

50% of marks for internal (i.e in-semester) continuous assessment.

50% of marks for semester-end examination conducted by University of Pune.

Course Structure: Food processing Technology

Sr.No.	Subject Code	Food processing Technology subjects	Credits
Year-1 Semester-I			
1.	FPT01	Food Science	4
2.	FPT02	Food Biochemistry	4
3.	FPT03	Communication Skills And Personality Development	4
4.	FPP01	Practical on Food Science	6
5	FPP02	Practical on Food Biochemistry	6
6	FPP03	Practical on Communication Skills	6
			30
Year-1 Semester – II			
1.	FPT04	Food Processing Operations	4
2.	FPT05	Food Microbiology	4
3.	FPT06	Dairy Technology	4
4.	FPP04	Practical of Food Processing Operations	6
5.	FPP05	Practical of Food Microbiology	6
6	FPP06	Practical of Dairy Technology	6
			30

Sr.No.	Subject Code	Food processing Technology subjects	Credits
		Year-2 Semester- III	
1.	BvFt 301	Principles of Food preservation	3
2.	BvFt 302	Food safety standards	3
3.	BvFt 303	Post-harvest management of fruits & vegetables	3
4.	BvFt 304	Food analysis	3
5.	BvFt 305	Applied statics	1
6	BvFt 306	Practicals on Food preservation	3
7.	BvFt 307	Practical on Food safety standards	3
8.	BvFt 308	Practical Post-harvest management of fruits & vegetables	3
9.	BvFt 309	Practical of Food analysis	3
10.	BvFt 310	Industry training	5
			30

		Year 2 Semester - IV	
1.	BvFt 401	Processing of spices & flavoring agents	3
2.	BvFt 402	Dairy Technology	3
3.	BvFt 403	Food packaging Technology	3
4.	BvFt 404	Computer application in food industry	3
5.	BvFt 405	Practical of Processing of spices & flavoring agents	3
6	BvFt 406	Practical on Dairy Technology	3
7.	BvFt 407	Practical on food packing	3
8.	BvFt 408	Practical on Computer application in food industry	3
9.	BvFt 409	Industry internship	6
			30

Sr.No.	Subject Code	Food processing Technology subjects	Credits
		Year-3 Semester V	
1.	BvFt 501	Bakery & confectionary products	3
2.	BvFt 502	Meat, fish & poultry processing	3
3.	BvFt 503	Product development & formulation	3
4.	BvFt 504	Waste management in food industry	2
5.	BvFt 505	Management principles and business ethics	2
6	BvFt 506	Practical of bakery & confectionary products	3
7.	BvFt 507	Practical on Meat, fish & poultry processing	3
8.	BvFt 508	Practical Product development & formulation	3
9.	BvFt 509	Practical on Waste management in food industry	2
10.	BvFt 509	Project & Industry training	6
			30
		Year-3 Semester VI	
1.	BvFt 601	Food storage & warehouse technology	3
2.	BvFt 602	Quality control and Quality assurance	3
3.	BvFt 603	Food laws & regulation	3
4.	BvFt 604	Entrepreneurship development	3
5.	BvFt 605	Practical on Food storage & warehouse technology	3
6	BvFt 606	Practical on Quality assurance & certification	3
7.	BvFt 607	Practical on entrepreneurship	6
8.	BvFt 608	Project	6
			30

V) BCA Science

Eligibility:

- H.S.C. or Equivalent Board Exam.in Science stream having Group A or Group B Subjects.
- 3- Year Diploma Course approved by the DTE, Maharashtra State or Equivalent authority.

Duration: 3 years

BCA (Science) : Program Specific Outcome. (PSO)-UG

Sr. No.	Objectives/ Outcomes
1	Produce knowledgeable and skilled human resources which is employable in IT and ITES.
2	Impart knowledge required for planning, designing and building Complex Application Software Systems as well as provide support to automated systems or application.
3	Produce entrepreneurs who can develop customized solutions for small and medium Enterprises.
4	To give the Basic and advanced programming skill knowledge.
5	To give knowledge of Android Programming and Python Programming.
6	To give the basic knowledge of computer
7	To Enhance and upgrade communication skills in students.
8	To know the basic life cycle of software developments, Computer Networks and Databases

Semester I					
Subject Code	Subject Name	Credit	Examination Scheme and Marks		
			CE	End Sem	Total
	Theory				
BCA111	Fundamentals of Computers	4	30	70	100
BCA112	Problem Solving and C Programming	4	30	70	100
BCA 113	Applied Mathematics	4	30	70	100
BCA114	Business Communication	4	30	70	100
	Lab				
BCA115	Fundamentals of Computers Laboratory	1.5	15	35	50
BCA116	C Programming Laboratory	1.5	15	35	50
BCA117	Applied Mathematics Laboratory	1.5	15	35	50
BCA118	Business Communication Laboratory	1.5	15	35	50
		22	180	420	600

Abbreviations: TW: Term Work TH: Theory OR: Oral TUT: Tutorial PR: Practical

Semester II					
Subject Code	Subject Name	Credit	Examination Scheme and Marks		
	Theory		CE	End Sem	Total
BCA121	Computer Organization	4	30	70	100
BCA122	Advanced C Programming	4	30	70	100
BCA123	Operating Systems Concepts	4	30	70	100
BCA124	Database Management Systems - I	4	30	70	100
	Lab				
BCA125	Computer Organization Laboratory	1.5	15	35	50
BCA126	Advanced C Programming Laboratory	1.5	15	35	50
BCA127	Operating Systems Laboratory	1.5	15	35	50
BCA128	Database Management Systems - I Laboratory	1.5	15	35	50
		22	180	420	600
Group 1	Physical Education	2			Grade
	Democracy, Election and Governance	2			Grade

Semester III					
Subject Code	Subject Name	Credit	Examination Scheme and Marks		
	Theory		CE	End Sem	Total
BCA231	Data Structures	4	30	70	100
BCA232	Database Management Systems - II	4	30	70	100
BCA 233	Computer Networks	4	30	70	100
BCA234	Data Structures Laboratory	2	15	35	50
BCA235	Database Management Systems - II Laboratory	2	15	35	50
BCA236	Computer Networks and Web Programming Laboratory	2	15	35	50
EVS-I	Environmental Science- I	2	15	35	50
LC-I	Language Communication - I	2	15	35	50
		22	165	385	550
Group 2 to 9	Extra Credit	1 or 2 or 3 Credit Max. 4			

Semester IV					
Subject Code	Subject Name	Credit	Examination Scheme and Marks		
			Theory	CE	End Sem
BCA241	Object Oriented Programming and C++	4	30	70	100
BCA242	Web Technology	4	30	70	100
BCA243	Software Engineering	4	30	70	100
BCA244	C++ Programming Laboratory	2	15	35	50
BCA245	Web Technology Laboratory	2	15	35	50
BCA246	Python Programming Laboratory	2	15	35	50
EVS-II	Environmental Science- II	2	15	35	50
LC-II	Language Communication - II	2	15	35	50
		22	165	385	550
Group 2 to 9	Extra Credit	1 or 2 or 3 credit			
		Max. 4			

Semester V					
Subject Code	Subject Name	Credit	Examination Scheme and Marks		
			Theory	CE	End Sem
BCA351	DSE I (Programming in Java)	4	30	70	100
BCA352	DSE II (Data Mining and Data Science)	4	30	70	100
BCA353	DSE III (Principles of Operating Systems)	4	30	70	100
BCA354	SEC I (Artificial Intelligence)	2	15	35	50
BCA355	SEC II (Cloud Computing)	2	15	35	50
BCA356	DSE I Lab (Programming in Java)	2	15	35	50
BCA357	DSE II Lab (Data Mining)	2	15	35	50
BCA358	DSE III Lab (Operating Systems and AI)	2	15	35	50
		22	165	385	550
Group 2 to 9	Extra Credit	1 or 2 or 3 credit			
		Max. 4			

DSE : Department Specific Elective SEC: Skill Enhancement Course

Semester VI					
Subject Code	Subject Name	Credit	Examination Scheme and Marks		
	Theory		CE	End Sem	Total
BCA361	DSE IV (Android Programming)	4	30	70	100
BCA362	DSE V (Programming in GO)	4	30	70	100
BCA363	DSE VI (Software Project Management)	4	30	70	100
BCA364	SEC III (Management Information Systems)	2	15	35	50
BCA365	SEC IV (Internet of Things) (IoT)	2	15	35	50
BCA366	DSE IV Lab (Android Programming)	2	15	35	50
BCA367	DSE V Lab (Programming in GO and IoT)	2	15	35	50
BCA368	DSE VI Project Lab	2	15	35	50
		22	165	385	550
Group 2 to 9	Extra Credit	1 or 2 or 3 credit Max. 4			
	Total no. of Credit for Programme (Sem-I to Sem-VI)	132			
	Compulsory Credit	2			
	Credit from Group 2 to Group 9	6			
	Total Credit	140			

DSE : Department Specific Elective SEC: Skill Enhancement Course

Program Structure:

- The Program is of Three Years duration with six semesters.
- It is a Full Time Degree Program.
- The program shall be based on Choice-based credit system comprising 140 credit points. (Compulsory Credit 132 + additional credit 8 from Group 2 to Group 9 as per CBCS Pattern)
- Each semesters shall have Eight Courses and 22 credits.
- Theory Courses offered shall be of 2 to 4 credits and practical courses of 4 credits each.
- For Theory Course, one credit is equivalent to one clock hour direct teaching in a week and for Practical Course, one credit is equivalent to one and half hours of laboratory work in a week.
- For S.Y.BCA Laboratory session of 4 hours 20 minutes duration to be conducted for each batch of 12 students per week. Theory lectures will be conducted for the whole class at a time.
- Continuous assessment shall be carried out based on performance in both lab and theory sessions.
- End semester practical exam shall be conducted based on assignments carried out during lab sessions only.
- Environmental Awareness course is compulsory for Second year students

Evaluation Pattern:

- Each course carrying 100 marks shall be evaluated with Continuous Assessment (CA) and University Evaluation (UE) mechanism. Continuous assessment shall be of 30 marks while University Evaluation shall be of 70 marks. To pass in a course, a student has to secure minimum 40 marks provided that he should secure minimum 28 marks in University Evaluation (UE).
- Each course carrying 50 marks shall be evaluated with University Evaluation (UE) mechanism. To pass in a course student has to secure minimum 20 marks.
- CA shall be based on internal tests (minimum 2 for 20 marks). In addition, for remaining 10 marks a teacher may assign various activities such as home assignments, tutorials, seminars, presentations, group discussion etc, to the students and evaluate accordingly

ATKT Rules:

- Minimum number of credits required to take admission to Second Year of B.C.A.: 32 credit points (Old pattern) and 31 credits (CBCS pattern) [70%]
- Minimum number of credits required to take admission to Third Year of B.C.A.: 80 credit points (Old pattern).

Lateral Entry to SYBCA:

Any candidate who has passed three Year Diploma course in Computer Engineering /Technology / Information Technology/Electronics Communication/Electronics Telecommunications/ Electronics approved by the DTE, Maharashtra State or Equivalent authority is eligible for admission to direct second year (SYBCA) of this program.

P.G. Courses - Science Faculty

I) M.Sc. (Microbiology)

Eligibility: B.Sc. (Microbiology) OR Microbiology as one of the subject in T.Y.B.Sc.

Criteria for selection: Based on B.Sc. (Microbiology) / B.Sc. (Biotechnology) Merit

Program Specific Outcome. (PSO)-PG

Sr. No.	Objectives/ Outcomes
1	To enrich specific knowledge in areas like Cell biology, Biochemistry, Biostatistics and bioinformatics, Biophysics and Instrumentation, Virology, Molecular Biology, Pharmacology, waste water microbiology, Immunology and microbial technology.
2	To understand basic microbiological concepts and perform following procedures as per laboratory standards
a)	Isolation and characterization of microbes belonging to different taxonomic groups and ecological niches.
b)	To develop the expertise to use and handle various instruments used in Microbiology laboratory as per SOPs.
c)	Molecular biology and immunological techniques
d)	Literature survey, design and execution of plans and protocols for experimentation, data analysis and interpretation, scientific communication as part of dissertation.
e)	Basic statistics and bioinformatics required for life sciences.
f)	Presentation skills and Team work
3	To inculcate sense of scientific responsibilities.
4	To help students build-up a progressive and successful career.
5	To inculcate social and environmental awareness.

➤ **Part One**

Semester I		Semester II	
Course code	Course Title	Course code	Course Title
Core Compulsory Theory Papers (CCTP)		Core Compulsory Theory Papers (CCTP)	
MB 501	Microbial Systematics	MB 601	Instrumentation and Molecular Biophysics
MB 502	Quantitative Biology	MB 602	Molecular Biology
MB 503	Biochemistry and Metabolism	MB 603	Enzymology, Bioenergetics and Metabolism
Choice Based Optional Papers: CBOP (any One)		Choice Based Optional Papers: CBOP (any One)	
MBTE 11	Fungal systematics and Extremophiles	MBTE 21	Bioinformatics and Bio-nanotechnology
MBPE 11	Practical based on Fungal systematics and Extremophiles	MBPE 21	Practical based on Bioinformatics and Bio-nanotechnology
OR		OR	
MBTE 12	Experimental design and Quantitative approaches for Biologist	MBTE 22	Molecular Biology tools and applications
MBPE 12	Practical based on Experimental design and Quantitative approaches for Biologist	MBPE 22	Practical based on Molecular Biology tools and applications
OR		OR	
MBTE 13	Microbial communication, Membrane transport and signal transduction	MBTE 23	Nitrogen Metabolism, respiration and Photosynthesis
MBPE 13	Practical based on Microbial communication, Membrane transport and signal transduction	MBPE 23	Practical based on Nitrogen Metabolism, respiration and Photosynthesis
Core Compulsory Practical Paper (CCPP)		Core Compulsory Practical Paper (CCPP)	
MBCP 1	Biochemical Techniques (Practical based on compulsory theory credits)	MBCP 2	Molecular biology, enzymology and instrumentation Techniques (Practical based on compulsory theory credits)

➤ Part Two

Semester III

Course Type	Course Code	Course Name	Credit	Assessment		
				IA	UA	Total
Core Compulsory Theory Papers (CCTP)	CCTP 7 (MB 701)	Immunology	4	30	70	100
	CCTP 8 (MB 702)	Molecular Biology	4	30	70	100
	CCTP 9 (MB 703)	Clinical Microbiology	4	30	70	100
Choice Based Optional Papers (CBOP)	MBTE 31	Cell Culture Techniques	2	15	35	50
	MBPE 31	Practicals based on Cell Culture Techniques	2	15	35	50
Elective /Departmental Course	OR					
	MBTE 32	Bioremediation and Biomass utilization	2	15	35	50
	MBPE 32	Practicals based on Bioremediation and Biomass utilization	2	15	35	50
	OR					
	MBTE 33	Microbial Virus Technology	2	15	35	50
	MBPE 33	Practicals based on Clinical Microbiology and Microbial Virus Technology	2	15	35	50
Core Compulsory Practical Paper	MBCP 3	Practicals based on Compulsory Theory Credits.	4	30	70	100

Semester IV

Course Type	Course Code	Course Name	Credit	Assessment		
				IA	UA	Total
Core Compulsory Theory Papers (CCTP)	CCTP 10 (MB 801)	Pharmaceutical Microbiology	4	30	70	100
	CCTP 11 (MB 802)	Microbial Technology	4	30	70	100
Any Two: Choice Based Optional Papers (CBOP) Elective /Departmental Course	MBTE 41	Quality Assurance and Validation in Pharmaceutical Industry and Development of Anti-infectives	2	15	35	50
	MBPE 41	Practicals based on quality assurance and validation in pharmaceutical industry and development of anti-infectives	2	15	35	50
	OR					
	MBTE 42	Advances in Microbial Technology	2	15	35	50
	MBPE 42	Practicals based on Advances in Microbial Technology	2	15	35	50
	OR					
	MBTE 43	Industrial Waste Water Treatment and Industrial Production of Vaccines	2	15	35	50
	MBPE 43	Practicals based on Industrial Waste Water Treatment and Industrial Production of Vaccines	2	15	35	50
	OR					
	MBTE 44	Bioethics, Biosafety, Quality Control and Quality Assurance	2	15	35	50
MBPE 44	Practicals based on Bioethics, Biosafety, Quality Control and Quality Assurance	2	15	35	50	
Core Compulsory Practical Paper	MBCP 4	Dissertation	4	30	70	100

II) M.Sc. (Organic Chemistry)

Eligibility: B.Sc. Chemistry

Duration: 2 years.

Criteria for selection: Based on B.Sc (Chemistry) merit.

Program Specific Outcome. (PSO) -PG

Sr. No.	Objectives / Outcomes
1	To enrich specific knowledge in areas like thermodynamics, kinetics, quantum chemistry, nuclear chemistry, spectroscopy, organometallics, bio-inorganics, reaction mechanisms, photochemistry, biochemistry, medicinal chemistry etc. which will give a bird's eye view to the scope of chemistry.
2	It would help students to learn applications of various facets of chemistry and their importance.
3	Problem solving will inculcate logical thinking to address a problem and become result oriented with a positive attitude.
4	Practical courses will refine the basic techniques and their use for analyses, syntheses, basic computer skills and research. It would develop analytical independent thinking required for academics, research and industrial work.
5	Literature reading and project work will help for strategic planning and execution, to know recent developments in chemistry, its interdisciplinary relevance and create interest for research.
6	The credit system would help them to improvise their presentation skills, strive for excellence and create awareness of their social and environmental responsibilities.
7	To help students build up a progressive successful career.

➤ Part One

Semester I		Semester II	
Course code	Course Title	Course code	Course Title
Core Compulsory Theory Papers (CCTP)		Core Compulsory Theory Papers (CCTP)	
CCTP-1 (CHP-110)	Physical Chemistry – I (Fundamentals of Physical Chemistry)	CCTP-4 (CHP-210)	Physical Chemistry – II (Molecular Spectroscopy and Nuclear Chemistry)
CCTP-2 (CHP-110)	Inorganic Chemistry – I (Molecular Symmetry & Chemistry of main group elements)	CCTP-5 (CHI-230)	Inorganic Chemistry – II (Coordination and Bioinorganic Chemistry)
CCTP-3 (CHP-110)	Organic Chemistry – I (Basic Organic Chemistry)	CCTP-6 (CHO-250)	Organic Chemistry – II (Photochemistry, Pericyclic and organic Spectroscopy)

Choice Based Optional Papers (CBOP)		Choice Based Optional Papers (CBOP)	
CBOP - 1 (CHG - 190)	Sec.- I: General Chemistry – I Theory (Any 1) A: Introduction to solid state of matter B: Mathematics for Chemists C: Introduction to Chemical Biology - I	CBOP-2 (CHG -290)	Sec.- I: General Chemistry – II Theory (Any 1) A: Material characterization Technique B: Organometallics and Inorganic Reaction Mechanism C: Introduction to Chemical Biology- II
	Sec.- II: General Chemistry Practical (Any 1) A: Inorganic Chemistry-Material Analysis, Synthesis and Applications B: Chemical Biology Practical - I		Sec.- II: General Chemistry Practical (Any 1) A: Electroanalytical Techniques of Analysis. B: Chemical Biology Practical – II
Core Compulsory Practical Paper (CCPP)		Core Compulsory Practical Paper (CCPP)	
CCPP-1 (CHP-107)	Basic Practical Chemistry – I Sec. – I: Physical Chemistry Practical Sec. – II: Organic Chemistry Practical	CCPP-2 (CHP-127)	Basic Practical Chemistry – II Sec. – II: Inorganic Chemistry Practical Sec. – II: Organic Chemistry Practical

➤ Part Two

Sr. No.	Paper No. & Course Code	Course Name	Credits	Sr. No.	Paper No. & Course Code	Course Name	Credits
Semester - III				Semester - IV			
1	CCTP-7 CHO-350	Organic Reaction Mechanism and Biogenesis	4	6	CCTP-10 CHO-450	Chemistry of Natural Products	4
2	CCTP-8 CHO-351	Structure Determination of Organic Compounds by Spectroscopic Methods	4	7	CCTP-11 CHO-451	Organometallic Reagents in Organic Synthesis	4
3	CCTP-9 CHO-352	Stereo chemistry and Asymmetric Synthesis of Organic Compounds.	4	8	CBOP-4 CHO-452 Theory	CHO-452 A) Medicinal Chemistry CHO-452 B) Applied Organic Chemistry	4 4
4	CBOP-3 CHO-353 Theory	CHO-353-A) Protection - De-protection, Chiron approach and Carbohydrate Chemistry Or CHO-353B) Designing Organic Syntheses and Heterocyclic Chemistry	4 4	9	CBOP-5 CHO-453	Practical III: Select any two Sections Section-I: Ternary Mixture Separation Section-I: Carbohydrates Synthesis and Isolation of Natural Products Section-I: Project / Industrial Training/ Internships/Summer Project	4 2 2 2
5	CCPP-3 CHO-354	Practical I: Solvent Free Organic Synthesis	4	10	CCPP-4 CHO-454	Practical II: Convergent and Divergent Organic Syntheses.	4

III) M.Sc: Zoology

Eligibility : The candidate should have a B.Sc degree with Zoology as principal subject or B.Sc (General) degree with Zoology as one of the subsidiary subjects. Graduates in any Life Science related subjects such as Biotechnology, Bioinformatics, Life Science, Biochemistry, Microbiology, Agriculture, Veterinary Sciences, Biology, Botany, etc.

Criteria for selection : Merit wise

Duration : 2 Years

Program Specific Outcome. (PSO)-PG

Sr. No.	Objectives/ Outcomes
1	Animal Systematics: helps to classify the organism based on its characteristics which are expressed can be examined visually or can be tested by other means
2	Cell Biology: Students will understand how these cellular components are used to generate and utilize energy in cells. These can include responses to environmental or physiological changes, or alterations of cell functions.
3	Genetics: To describe applications and techniques of modern genetic technology, as well as select the correct techniques to solve practical genetic problems.
4	Applied Zoology: To provide a strong foundation and motivation for applying fundamental concepts of Zoology in basic research to meet global challenges. To make students to acquire more practical knowledge
5	Histology: The fundamental aim of histology is to determine how tissues are organized at all structural levels, from cells and intercellular substances to organs. To understand the core anatomy of tissues and cells.
6	Biochemistry: The course aims to provide an advanced understanding of the core principles and topics of Biochemistry and their experimental basis, and to enable students to acquire a specialised knowledge and understanding of selected aspects by means of a stem/branch lecture series and a research project.
7	Environmental Toxicology: Environmental toxicology is the area of study concerned with harmful effects of chemicals upon ecosystems. So it helps in understanding and eradicating problems of toxicity.
8.	Parasitology: Understand and practice basic laboratory techniques used for diagnosis of parasitic infection, of different specimens through detection and identification of parasites. The course covers the following subjects per individual parasite
9	Biological techniques: To provide a comprehensive education in biology that stresses scientific ... laboratory skills, and field techniques.
10	Physiology and Endocrinology: To learn the basic and advanced endocrine biochemistry, physiology and patho physiology. To accumulate a critical mass of fundamental information and practical approaches.
11	General Embryology: To understand complete details about the structures, development of human embryo at different stages including gametogenesis, fertilization, and implantation. Also, the students have the ability to correlate between the embryological structure and its clinical significance.
12	Organic Evolution: The student will be able to explain the process of organic evolution and its underlying principles and mechanisms.
13	Molecular Biology: Molecular biology deals with nucleic acids and proteins and how these molecules interact within the cell to promote proper growth, division, and development.
14	Entomology: To study basic aspects of arthropod ecology, morphology, parasitology, physiology, systematics and toxicology to applied subjects in apiculture, agricultural, medical and veterinary pest management

➤ **Part One**

Semester I		Semester II	
Course code	Course Title	Course code	Course Title
Core Compulsory Theory Papers (CCTP)		Core Compulsory Theory Papers (CCTP)	
ZOUT 111	Biochemistry and Biochemical Techniques	ZOUT 121	Molecular Biology and Bioinformatics
ZOUT 112	Cell Biology and Developmental Biology	ZOUT 122	Endocrinology and Parasitology
ZOUT 113	Genetics and English in Scientific Communication	ZOUT 123	Comparative Animal Physiology and Environmental Biology
Choice Based Optional Papers (CBOP)		Choice Based Optional Papers (CBOP)	
ZODT 114	Biostatistics / Fresh water Zoology Theory	ZODT 124	Metabolic Pathways / Ichthyology
ZODP 114	Zoology Practical Paper - 1 Practical	ZODP 124	Zoology Practical Paper - 2 Practical
Core Compulsory Practical Paper (CCPP)		Core Compulsory Practical Paper (CCPP)	
ZOUP 115	Basic Zoology Lab - I	ZOUP 125	Basic Zoology Lab - II

➤ **Part Two**

Semester III		Semester IV	
Course code	Course Title	Course code	Course Title
Core Compulsory Theory Papers (CCTP)		Core Compulsory Theory Papers (CCTP)	
ZOUT 231	Special Paper Entomology-I	ZOUT 241	Special Paper -I Entomology-II
ZOUT 232	Fundamentals of Systematics and Economic Zoology	ZOUT 242	Mammalian Reproductive Physiology and Aquaculture
ZOUT 233	Research Methodology and Insect Physiology Biochemistry	Choice Based Optional Papers (CBOP)	
Choice Based Optional Papers (CBOP)		ZODT 243	Histology and Histochemistry
ZODT 234	Immunology	ZODP 243	Zoology Practical Paper - 4 corresponding to ZOUT 241 and ZODT 243)
ZODP 234	Zoology Practical Paper - 3 Practical	ZODP 244	Apiculture
Core Compulsory Practical Paper (CCPP)		ZODP 244	Zoology Practical Paper - 5 corresponding to ZOUT 242 and ZODT 244)
ZOUP 235	Basic Zoology Lab - I	Core Compulsory Practical Paper (CCPP)	
		ZOUP 245	Project

➤ Part Three

Semester V		Semester VI	
Course Code	Course Title	Course Code	Course Title
DSEC ZO - 351	Pest Management	DSEC ZO - 361	Medical & Forensic Zoology
DSEC ZO - 352	Histology	DSEC ZO - 362	Animal Physiology
DSEC ZO - 353	Biological Chemistry	DSEC ZO - 363	Molecular Biology
DSEC ZO - 354	Genetics	DSEC ZO - 364	Entomology
DSEC ZO - 355	Developmental Biology	DSEC ZO - 365	Techniques in Biology
DSEC ZO - 356	Parasitology	DSEC ZO - 366	Evolutionary Biology
DSEC ZO - 356	Zoology Practical Paper 1	DSEC ZO - 367	Zoology Practical Paper 1
DSEC ZO - 358	Zoology Practical Paper 2	DSEC ZO - 368	Zoology Practical Paper 2
DSEC ZO - 359	Zoology Practical Paper 3	DSEC ZO - 369	Zoology Practical Paper 3
SEC ZO - 3510	Aquarium Management	SEC ZO - 3610	Environmental Impact Assessment
SEC ZO - 3510	x Poultry Management	SEC ZO - 3611	Project

IV) M.Sc. (Biotechnology)

Eligibility: B.Sc. Biotechnology

Criteria for selection: On the basis of Merit.

Total Intake : 48

Program Specific Outcome. (PSO)-PG

Sr. No.	Objectives/ Outcomes
	After successful completion of this post-graduate degree program, the students should be able:
1	to understand the need and impact of biotechnological tools, techniques and solutions to the problems and issues pertaining to environment and society in view and need for sustainable solution
2	to be aware in social, ethical, and professional issues of contemporary practices in biotechnology and related fields
3	to design, perform experiments, analyze and interpret data for investigating complex problems in subjects covered in the program
4	to undertake the responsibilities as an individual and as a team in a multidisciplinary environment
5	to develop oral and written skills for effective communication
6	to acquire knowledge and competence for clearing various examinations to such as CSIR-NET, ARS-NET GATE, ICMR, and DBT for pursuing higher studies (M.Phil, Ph.D)
7	to design experiments and undertake research work
8	to develop commercially viable processes and technologies in biotechnology related areas
9	to acquire knowledge and competence for initiating start-ups in biotechnology related areas
10	to visualize the current and future trends in science, life sciences and inter-disciplinary fields

➤ **Part One**

Semester I		Semester II	
Course code	Course Title	Course code	Course Title
Core Compulsory Theory Papers (CCTP)		Core Compulsory Theory Papers (CCTP)	
MBT- 101	Advanced Biological Chemistry	MBT- 201	Genetic Engineering
MBT- 102	Cell & Molecular Biology	MBT- 202	Bacteriology and Virology
MBT- 103	Genetics & Immunology	MBT- 203	Plant Biotechnology
Core Compulsory Practical Paper: CCPP-1		Core Compulsory Practical Paper : CCPP-2	
MBT- 104	Laboratory Course I - Advanced Biological Chemistry, Cell and molecular biology, Immunology	MBT- 204	Laboratory Course II - Genetic Engineering, Bacteriology and Virology, Plant Biotechnology
Choice Based Optional Papers: CBOP (any One)		Choice Based Optional Papers: CBOP any One)	
MBT -105	Environmental Biotechnology	MBT -205	Clinical Research, Data Base management, & IPR
MBT -106	Food Biotechnology	MBT -206	Medical Biotechnology

➤ **Part Two**

Semester III		Semester IV	
Paper No	Title of the paper	Paper No	Title of the paper
MBT301	Animal and Stem Cell Technology	MBT401	Genomics and Proteomics
MBT302	Bioprocess Engineering	MBT402	Advanced Bio-Analytical Techniques
MBT303	Bioinformatics and Biostatistics	MBT403	Research Project
MBT304	Laboratory Course III	MBT405	Pharmaceutical Biotechnology and Drug Designing
MBT305	Nanobiotechnology	MBT406	Research Methodology and Scientific Communication
MBT306	Agricultural Biotechnology		

V) M.Sc. (Computer Science)

Eligibility: The candidate should have a B.Sc. degree with Computer Science as principal subject.

Computer Science : Program Specific Outcome. (PSO)-PG

Sr. No.	Objectives/ Outcomes
1	Prepare technically skilled personnel for jobs in IT sector.
2	Upgrading students with soft skills.
3	Preparing students for global competition.
4	Developing students skill sets as an Entrepreneur
5	Higher Education and Research

Criteria for Selection: As per the selection procedure / policies adopted by the college, in accordance with conditions laid down by the SavitribaiPhule Pune University.

Course Structure (Credit and Semester System)

Duration- 2 years

➤ Part One

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
I Year Sem-I	Core Compulsory Theory Paper	CSUT111	Paradigm of Programming Language	4	30	70	100
		CSUT112	Design and Analysis of Algorithms	4	30	70	100
		CSUT113	Database Technologies	4	30	70	100
	Choice Based Optional Paper	CSDT114A	Cloud computing	2	15	35	50
		CSDP114A	Cloud Computing Practical	2	15	35	50
		OR					
		CSDT114B	Artificial Intelligence	2	15	35	50
		CSDP114B	Artificial Intelligence Practical	2	15	35	50
		OR					
		CSDT114C	Web Services	2	15	35	50
		CSDP114C	Web Services Practical	2	15	35	50
Core Compulsory Practical Paper	CSUP115	PPL and Database Technologies Practical	4	30	70	100	

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
I Year Sem-II	Core Compulsory Theory Paper	CSUT121	Advanced Operating System	4	30	70	100
		CSUT122	Mobile Technologies	4	30	70	100
		CSUT123	Software Project Management	4	30	70	100
	Choice Based Optional Paper	CSDT124A	Project	2	15	35	50
		CSDP124A	Project related Assignments	2	15	35	50
		OR					
		CSDT124B	Human Computer Interaction	2	15	35	50
		CSDP124B	Human Computer Interaction Practical	2	15	35	50
		OR					
		CSDT124C	Soft Computing	2	15	35	50
		CSDP124C	Soft Computing Practical	2	15	35	50
Core Compulsory Practical Paper	CSUP125	Practical on Advanced OS & Mobile Technologies	4	30	70	100	

Year/ Sem	Course Type	Course Code	Course Name	Credit	% of Assessment		
					IA	UE	Total
II Year Sem-III	Core Compulsory Theory Paper	CSUT231	Software Architecture and Design Pattern	4	30	70	100
		CSUT232	Machine Learning	4	30	70	100
		CSUT233	Evolutionary Algorithms	4	30	70	100
	Choice Based Optional Paper	CSDT234A	Big Data	2	15	35	50
		CSDP234A	Big Data Practical	2	15	35	50
		OR					
		CSDT234B	Web Analytics	2	15	35	50
		CSDP234B	Web Analytics Practical	2	15	35	50
		OR					
		CSDT234C	Project	2	15	35	50
		CSDP234C	Project related Assignments	2	15	35	50
Core Compulsory Practical Paper	CSUP235	Practical on Software Architecture and Design Pattern and Machine Learning	4	30	70	100	

Year/ Sem	Subject	Paper	Title of Paper	Credit	% of Assessment		
					IA	UE	Total
II Year Sem-IV	Core	CSUIT241	Industrial Training /Institutional project	20			

IA :- Internal Assessment, UE :- University Examination

VI) M.Sc. (Mathematics)

Eligibility: B.Sc. Mathematics

Computer Science : Program Specific Outcome. (PSO)-PG

Sr. No.	Objectives/ Outcomes
1	To take care of fast development in the knowledge of mathematics.
2	To enhance the quality and standards of Mathematics Education.
3	To provide a broad common frame work, for exchange, mobility and free dialogue across the Indian Mathematical and associated community.
4	To create and aptitude for Mathematics in those students who show a promise for higher studies and creative work in Mathematics.
5	To create confidence in others, for equipping themselves with that part of Mathematics which is needed for various branches of Sciences or Humanities

Criteria for Selection: As per the selection procedure / policies adopted by the college, in accordance with conditions laid down by the SavitribaiPhule Pune University.

Course Structure (Credit and Semester System)

Duration- 2 years

➤ Part One

Sr. No.	Semester I		Semester II	
	Course code	Course Title	Course code	Course Title
1.	MTUT 111	Linear Algebra	MTUT 121	Complex Analysis
2.	MTUT 112	Real Analysis	MTUT 122	Topology
3.	MTUT 113	Ordinary Differential Equations	MTUT 123	Ring Theory
4.	MTUT 114	Advance Calculus	MTUT 124	Advance Numerical Analysis
5.	MTUT 115	Group Theory	MTUT 125	Partial Differential Equation

➤ Part Two

Sr. No.	Semester III		Semester IV	
	Course code	Course Title	Course code	Course Title
Compulsory courses:				
1.	MTUT 131	Functional Analysis	MTUT 141	Fourier Series and Boundary Value Problems
2.	MTUT 132	Field Theory	MTUT 142	Differential Geometry
3.	MTUT 133	Introduction to Data Science	MTUT 143	Programming with Python
O=Optional Courses (Any Two)				
4.	MTUTO 134	Discrete Mathematics	MTUT 144	Number Theory
5.	MTUTO 135	Mechanics	MTUT 145	Algebraic Topology
6.	MTUTO 136	Advanced Complex Analysis	MTUT 146	Representation Theory of Finite Groups
7.	MTUTO 137	Integral Equations	MTUT 147	Coding Theory
8.	MTUTO 138	Differential Manifolds	MTUT 148	Probability and Statistics
9.	MTUTO 139	Students can choose one course from Swayam /NPTEL / E- Pathashala etc, if interested	MTUT 149	Students can choose one course from Swayam /NPTEL/ E-Pathashala etc , if interested

- The educational tour is compulsory.
- The theory and practical examination will be as per University rules and regulations.

VII) M.Sc. (Computer Applications)

1) Eligibility:

A Bachelor Degree in Science/Technology/Engineering with minimum 50% marks or equivalent for student belonging to Unreserved Category and minimum 45% or equivalent for students belonging to the Reserved Category.

Admission: Admissions will be offered as per the selection procedure / policies adopted by the respective colleges, in accordance with conditions laid down by the Savitribai Phule Pune University. Reservation and relaxation will be as per the government rules.

2) Course structure:

➤ Part One

Semester I									
Course Code	Course	Teaching Scheme Hours / Week			Examination Scheme and Marks			Credit	
		Theory	Tutorial	Practical	IE	UE	Total	TH	PR
CA-CCTP-1	Web Technology Computer	04	--	--	30	70	100	04	--
CA-CCTP-2	Advance Databases	04	--	--	30	70	100	04	--
CA-CCTP-3	Design and Analysis of Algorithm	04	--	--	30	70	100	04	--
CA-CBOP-1	Object Oriented Programming with C++	02	--	--	50	--	50	02	--
CA-CBOP-1	Object Oriented Programming with C++ Laboratory	--	--	04	50	--	50	--	2
OR									
CA-CBOP-1	Data Mining and Warehousing	02	--	--	50	--	50	02	--
CA-CBOP-1	Data Mining and Warehousing (Practical)	--	--	04	50	--	50	--	2
OR									
CA-CBOP-1	Software Testing (Manual)	02	--	--	50	--	50	02	--
CA-CBOP-1	Software Testing (Manual) Practical	--	--	04	50	--	50	--	2
CA-CCPP-1	Web Technology Laboratory	--	--	08	30	70	100	--	4
Total Credits								14	06
Total		14	--	12	220	280	500	20	

Semester II									
Course Code	Course	Teaching Scheme Hours / Week			Examination Scheme and Marks			Credit	
		Theory	Tutorial	Practical	IE	UE	Total	TH	PR
CA-CCTP-4	Object Oriented Programming with Java	04	--	--	30	70	100	04	--
CA-CCTP-5	Advanced Operating System	04	--	--	30	70	100	04	--
CA-CCTP-6	Artificial Intelligence	04	--	--	30	70	100	04	--
CA-CBOP-2	ASP.Net Using C#	02	--	--	50	--	50	02	--
CA-CBOP-2	ASP.Net Using C# (Practical)	--	--	04	50	--	50	--	2
	OR								
CA-CBOP-2	Big Data	02	--	--	50	--	50	02	--
CA-CBOP-2	Big Data Using Hadoop (Practical)	--	--	04	50	--	50	--	2
	OR								
CA-CBOP-2	Software Testing (Automated)	02	--	--	50	--	50	02	--
CA-CBOP-2	Software Testing (Automated) Practical	--	--	04	50	--	50	--	2
CA-CCPP-2	Java Programming (Practical)	--	--	08	30	70	100	--	4
Total Credits								14	06
Total		14	--	12	220	280	500	20	

➤ Part Two

Semester III									
Course Code	Course	Teaching Scheme Hours / Week			Examination Scheme and Marks			Credit	
		Theory	Tutorial	Practical	IE	UE	Total	TH	PR
CA- CCTP-7	Mobile Application Development Using Android	04	--	--	30	70	100	04--	
CA- CCTP-8	Internet of Things	04	--	--	30	70	100	04--	
CA- CCTP-9	Soft Computing	04	--	--	30	70	100	04--	
CA- CBOP-3	Web Services	02	--	--	50	--	50	02	--
CA- CBOP-3	Web Services Using ASP.Net (Practical)	--	--	04	50	--	50	--	2
	OR								
CA- CBOP-3	Data Analytics Using Python	02	--	--	50	--	50	02	--
CA- CBOP-3	Data Analytics Using Python (Practical)	--	--	04	50	--	50	--	2
	OR								
CA- CBOP-3	Project	02	--	--	50	--	50	02	--
CA- CBOP-3	Project Based Assignment	--	--	04	50	--	50	--	2
CA- CCPP-3	Android Programming (Practical)	--	--	08	30	70	100	--4	
Total Credits								14	06
Total		14	--	12	220	280	500	20	

Semester IV									
Course Code	Course	Teaching Scheme Hours / Week			Examination Scheme and Marks			Credit	
		Theory	Tutorial	Practical	IE	UE	Total	TH	PR
	Industrial Training								
Total Credits								12	08
Total		12	--	16	290	210	500	20	

Abbreviations: IE: Internal Evaluation UE: External Evaluation TH: Theory PR: Practical CA: M. Sc. (Computer Applications)

M.Sc. (Statistics)

Eligibility: T.Y.B.Sc (Statistics), T.Y.B.Sc(Mathematics)

Criteria for Selection: As per the selection procedure/policies adopted by the college, in accordance with the condition laid down by SPPU.

Duration: 2 years

➤ Part One

Course code	Theory/Practical	O/C/E	Title	Number of Credits	ESE Duration	Marks Assigned
Semester I						
ST-11	Theory	C	Basics of Real Analysis and Calculus	4	3 Hours	100
ST-12	Theory	C	Linear algebra and Numerical methods	4	3 Hours	100
ST-13	Theory	C	Probability Distribution	4	3 Hours	100
ST-14	Theory	C	Sampling Theory	4	3 Hours	100
ST-15	Practical	C	Practical I	4	3 Hours	100
Total				20		500
Semester II						
ST-21	Theory	C	Probability Theory	4	3 Hours	100
ST-22	Theory	C	Regression Analysis	4	3 Hours	100
ST-23	Theory	C	Statistical Inference I	4	3 Hours	100
ST-24	Theory	C	Multivariate Analysis	4	3 Hours	100
ST-25	Theory	C	Practical II	4	3 Hours	100
Total				20		500

Introduction to constitution - Extra credit is compulsory for to all PG courses in semester 3. Students will earn 2 credits after completion.

Physical Education

Compulsory Physical Education Credits

(For All FY Students)

For enhancing physical efficiency and maintaining fitness of mind, and body, which would help the student to be mentally alert and physically efficient to withstand the strain and fatigue of daily life, SPPU has made compulsory Physical Education credits to be earned during the first year of the degree. There will be 50 marks exams conducted during the academic year and students are also expected to submit a handwritten project of yoga either in english or marathi. The project will include brief history of yoga, Information of asanas recommended in the syllabus. How to do Asana, Contraindications and benefits of asana and students' own photo of final pose while doing asana will be the part of explanation of the asana in the project. Regular two lectures per week will be conducted as per time table of the class.

PRACTICAL EVALUATION OF THE ASANAS :

For evaluation purposes, students must perform five Asanas. Out of these Five Asanas, 2 Standing Pose, 1 Sitting Pose, 1 Supine Position and 1 from Prone Position as per their choice.

Each Asana will be awarded from 0-10 Marks. The evaluation is further distributed as under :-

- a) Technical Execution (Presentation) 4 Marks
- b) Complete Posture 4 Marks
- c) Retention period 2 Marks

EXPLANATION :

a) Technical Execution (Presentation) 4 marks. It involves methodical approach in its presentation which further depends on

- i) Arriving to the posture,
- ii) Alighting from the posture,
- iii) Expression,
- iv) Breathing

b) Complete Posture 4 marks. Attainment of the final posture and while being in this position certain aspects deem necessary to be taken into consideration to constitute a complete posture

- i) Stability in the posture,
- ii) Calmness & tranquility,
- iii) Exactness and correctness,
- iv) Smoothness and degree of flexibility,
- v) Body alignment, its angles and beauty.

c) Retention 2 marks. All final positions are required to be held for 20 seconds each. During retention period no shivering, no untoward movement, consistent breathing, calm face expression and proper body language is essential.

For further details please go through the FY PE Syllabus on the website .

Examination Procedure

General Instructions

- All the students are informed to use online application system for submitting examination form (online portal ***exam.unipune.ac.in*** of examination section of Savitribai Phule Pune University)
- A Student has to obtain eligibility certificate before filling examination form.
- After declaration of results college notifies about filling online rechecking (Photo copy of answer sheets)/ revaluations forms
- Passing percentage in all subjects is 40 %.
- ATKT rules are applicable as per SPPU norms.
- Internal examinations will be conducted only once per semester / term.
- All the first year level (F.Y.) examinations will be conducted by the college itself as per the University guidelines.
- Students of first year of all the faculties have to appear for Physical Education examination.

Students who do not fulfil this condition will not be permitted to appear for the Annual examination.

- Medical check up is compulsory for students of first year of all the faculties. Students who do not fulfil this condition will not be permitted to appear for Annual examination.
- **EVS, Environment Awareness Course is compulsory for all S. Y. B. A. / S. Y. B. Com / S.Y. B. Sc. Students. Passing in EVS is mandatory to acquire a Degree Certificate.**

A student appearing for the examination must obey the following instructions:

A. While entering the examination hall

1. Make sure that you are not in possession of any material such as books, note-books, scribbled notes, mobile, etc., which may

tempt one to copy or use as a reminder.

2. Do not take away any answer-book or supplement (written or blank) while leaving the examination hall.
3. Do not speak or communicate in any way with any other candidate in the examination hall while the examination is going on.
4. Do not disobey any instruction/s issued to you by the Senior or Junior Supervisor.
5. Do not behave in a rude or disobedient manner. Failure to observe the instructions may result in expelling the candidate instantly and punishing the misconduct or breach of rules by excluding the candidate from any University or College Examination or Course for a specified period or permanently.

B. While writing in the examination hall

1. Write on both sides of the answer book.
2. Write the answer- books in blue or black ink/ball pen only. Use of coloured pencil or ink in case of diagrams and sketches is permitted.
3. Do not write your name in any part of your answer-book or disclose your identity in any other manner.
4. Do not write anything on your question paper or the blotting paper.
5. Do not write your seat number anywhere except in the space provided. If seat number is written anywhere else, it will be treated as 'unfair means' and the performance will be treated as null and void for the entire examination.
6. Address all your queries to your supervisor, do not leave your Seat on any account.
7. If you suspect that there is some error in the question paper, immediately bring it to the notice of the Senior Supervisor so as to enable him to rectify it after making the necessary enquiries. In case the Senior Supervisor is unable to rectify the error while the paper is in

progress, you should bring the suspected error to the notice of the University through the Chief Conductor of the Examination centre immediately.

8. Write your answer in a legible handwriting. Answers written in an illegible and indecipherable handwriting are liable to be unassessed.
9. In case a part of the answer to a question is written on a page not immediately succeeding the page on which the main body of the answer is written, the fact must be clearly indicated at the end of the complete answer, otherwise the part of the answer is liable to remain unassessed.
10. You will not be permitted to leave the examination hall until half an hour after the question papers are distributed and during last 10 minutes of the schedule time prescribed for the particular examination.
11. Exchange of writing materials, stencils, mathematical instruments, etc., is strictly prohibited.
12. An act of copying or impersonation at an examination is punishable under 'The Maharashtra Prevention of Malpractice at University, Board and other specified examinations, 1982'. The act passed to the effect.
13. Do not write answers in wrong sections as these will not be examined.

C. While handing over the answer-books to the supervisor

1. Make sure that you have completely and correctly written your seat number and other details on the cover page of the answer-book/s and supplement/s.
2. All answer-books and supplements supplied to you must be handed over to the Supervisor intact whether written in or blank.

Grant of additional marks for extra-curricular activities (University Ordinance no. 163):

1. Five additional marks may be granted to

candidate appearing for University examination of any degree, as an incentive, for his/her participation in any one or more of the following activities:

- a. **National Cadet Corps (NCC):** Candidate enrolled in NCC must have passed 'B' and/or 'C' certificate examination and /or Candidate enrolled in NCC must have attended 75 % parades out of total no. of parades and one camp prescribed for NCC.
- b. **National Service Scheme (NSS):** Candidate enrolled in NSS must have completed 120 hours of effective work and attended the necessary number of camps.
- c. **National Physical Efficiency Drive:** Candidate enrolled in this must have acquired three stars under the programme.
- d. **Inter-University, National / International Sports tournaments / debating / elocution/ dramatics / mock court and such other competitions as approved by the Executive Council from time to time.**
- e. **Adult Education Programme of Savitribai Phule Pune University**

A candidate must have completed at least 200 clock hours work to the satisfaction of the project in-charge and secured necessary certificate of the course.

2. The additional marks shall be granted to the candidate only for that examination during the course of which the candidate has participated in the activities mentioned above.
3. A student shall submit an application form before the date of commencement of his/her examination along with prescribed fees for the grant of additional marks along with necessary original certificate or copies thereof countersigned by the Principal of the College. No application received after the commencement of examination shall be entertained by the University.

Examination Pattern

Class	Term End/Mid Term	University Exam	Total Marks	Aggregate Marks
F.Y.B.A.	30 Marks	70 Marks	100	1200
S.Y.B.A.	30 Marks	70 Marks	100	1200
T.Y.B.A.	20 Marks	80 Marks	100	600
F.Y.B.Com.	30 Marks	70 Marks	100	1400
S.Y.B.Com.	30 Marks	70 Marks	100	1200
T.Y.B.Com.	30 Marks	70 Marks	100	1200

Class	First Term	Second Term	Total Marks	Aggregate Marks
F.Y.B. Sc/ Comp. Sc.	15 + 35	15 + 35	100	1200
S.Y.B. Sc/ Comp. Sc.	15 + 35	15 + 35	100	1000
T.Y.B. Sc/ Comp. Sc.	15 + 35	15 + 35	100	1100

Co-curricular & Extra Curricular Activities

Arts Circle This is the cultural activity of the college which provides a platform to the students of all the faculties interested in dance, dramatics, elocution, singing, instrumental music, debate, poetry etc. Through this activity students can participate in intercollegiate competition at Local, State, National and International level. The students learn to appreciate Performing Arts.

Swar Madhuri: An Inter-Collegiate state level Classical Vocal and Natya Sangeet Competition organized in memory of the founder Late Shankarrao Kanitkar. The competition provides a platform to young artists, to showcase their talent in classical music. This activity is conducted in collaboration with 'Student Welfare Department' SPPU, Pune and is partly funded by them. VidyaVani – P.M. Radio of Savitribai Phule Pune University are the media partners.

National Service Scheme (N.S.S.) : The N.S.S Unit of 100 Students is granted to the college. The unit organizes lecture series, Shramadan, Educational tours, Cultural Activity including 8 days special winter camp in rural areas. College was awarded with Best N.S.S. Unit by Savitribai Phule Pune University.

National Cadet Corps (N.C.C.) : It is a Tri-services Organization comprising the Army, Navy and Air force, engaged in grooming the youth into disciplined and patriotic citizens. Cadets

participate in weekly parades at N.C.C Head Quarters and NDA. During these parades they undergo different activities like exercises, drills, physical training, lectures on future scope, discipline and how to perform better in N.C.C. Saivibhuti Patil and Apoorv Satpute are selected for RDC 2018. Sarvesh Navande is selected All India Best Cadet and is proud recipient of a gold medal by the Prime Minister of India on 26-01-2018. Also selected for Youth Exchange Programme for training in Russia.

Soft Skills Development Programme: Soft Skills training provides a unique opportunity for all students to develop their personality and improve their communication and presentation skills. The programme focuses on areas of training that require changes in behaviour and thinking to fulfill

employable needs among students. This training programme also helps students in developing a career-vision in an informal, interesting and interactive manner. The programmes are conducted in association with industry and Savitribai Phule Pune University.

The Pride of Modern: This prestigious competition is conducted every year. It is open only for final year UG and PG (part 1 and 2) students who wish to participate voluntarily and also for those who are nominated from various categories viz Academics, Sports, NCC, NSS and Arts Circle. However in order to participate the student should have completed two academic years in Modern College, Ganeshkhind. Besides that the competing student should have a clear academic record with no backlogs. He/She is also expected to have participated in co-curricular and extension activities of the College. The Best Student Award comprises of a Rolling Trophy, Memento, Certificate of Excellence and Cash Prize.

The first step in the selection procedure involves scrutiny of application forms to measure students' achievements. This is followed by a mental ability test, a preliminary interview and lastly the final interview conducted by a panel of external experts.

Yuva Saptah : This activity is conducted in the second week of January to commemorate Swami Vivekananda's Jayanti. Various competitions are organized on this occasion. Some of them are Mehendi Competition, Rangoli Contest, Poetry reading and elocution competition, Kaun Banega History scholar?, Caption Contest, Writers' Unboxed, Psychology quiz, Short Film Competition and Poster Competition.

Vividha : It is a platform given to the students to showcase their entrepreneurial talents. This is an event jointly organised by College and its alumni association Modernities. It conducts various events for all stakeholders.

Indian Red Cross Society: Junior/Youth Red Cross Pune District – Indian Red Cross Society is a world organization working for the country. This activity enables students to understand issues related to health and hygiene, Disaster management and create awareness about communicable and non-communicable diseases

Rotract Club: Established in 2011 with the help of Rotary Club of Pune Uptown, under which 200 students are registered. It organizes different activities which are beneficial to society as well as youth and organizes Blood Donation Camp, Tree Plantation, Leadership Program, Guest Lectures, etc.

Competitive Examination Guidance Cell (CEGC)

The college has set up Competitive Examination Guidance Cell. Through this activity interested students get guidance to prepare for a variety of Competitive Exams. Cell conducts various activities like Guest Lectures, Workshops, Group discussion sessions, personal interviews, Conducting and coordinating various examinations. The functioning of the cell is based on Graduate Excellence Exam pattern conducted by the Centre for Talent Search and Excellence, Pune.

Modernites : It is a registered association of the college. It conducts the following activities. 1. Gives 'Gollapudy Scholarship' and many other scholarships every year to deserving students. 2. Conducts 'Vividha', an exhibition cum sale to promote entrepreneurial spirit. 3. Contributes in placement cell, Entrepreneurship Development. Cell (EDC), Internal Quality Assurance Cell (IQAC), etc.

Modern Trekking Club: Trekking is very useful activity to maintain our physical and mental fitness. The club organizes treks at Sahyadri, Raigad, Sinhgad, Harishchandragad, Rajmachi etc for 100 to 200 students every year.

It includes : i) Trekking to various places like Panhala, Vishalgad, Sinhgad, Raigad, Torna etc. ii) Gives information about Environment Protection, Forest and water Conservation and problems of tribal people

Modern Cycling Club :

The main objective of Modern Cycling Club is to encourage cycling as a lifelong activity for students' health, happiness and to reduce traffic jam and pollution. Cycling is good for strength and stamina. Many college students use bicycle daily for their regular commute to college from home. Modern Cycling Club advocate for bicycling through education, communication. Club organises regular short and long cycling expeditions to encourage cycling among students to make our city clean and green. E.g. Pune-Goa, Pune- Ashtavinayak, Pune-Kanyakumari cycling expeditions.

Department of Lifelong Learning & Extension :

This department conducts activities in association with Savitribai Phule Pune University. It promotes interdisciplinary studies for wider understanding of human problems and also to reach out to deprived groups from different sections of the society. Activities are carried out to develop knowledge, skills, attitudes and values to integrate theory and practice for lifelong learning.

Student Support Services

Earn and Learn Scheme

The earn and learn scheme has been granted to the College by Savitribai Phule Pune University from 2004-05. Many students have benefitted through the scheme till now. Students work in library, gymnasium, office and laboratories. They get work experience along with some financial help under this scheme.

Gymkhana

The College encourages and promotes students in the field of sports through the Gymkhana

Infrastructure

Well equipped Gymnasium, Basketball Court, India Games Arena (Kabbadi, Khokho) Equipment Room, Indoor Games (Chess / Table Tennis / Badminton), Volleyball court are available in the college.

Achievements of the Gymkhana Department

25 Shiv Chatrapati Awardees (The Highest Sports Award for Sports Person in Maharashtra State) | 30+ International Players • 350+ National Players • Regularly organizes State, Inter Zonal, Intercollegiate and Interclass sports for students of our college and other colleges. • "Modern Shree" – State level Intercollegiate Best Physiques Competition Since 2006.

Central Library :

Central Library is one of the vibrant learning unit of the college. The main purpose of library is to freely disseminate knowledge, support teaching, research and academic activities and ignite the minds of youngster studying in our college. All library staff works with the motto "To Give Maximum Information for Maximum Number of Times by

Maximum Number of Ways in Minimum Times”. Library operates on need based approach rather than the usual rules-based treatment It provides open access to all, disseminate knowledge freely to all and support teaching, learning and research activities of the college.

- Library is fully automated and well equipped with wide collection of reference, text and general reference books, national and international periodicals and electronic resources like e-books, e-journals, audio books, CDs/DVDs and databases like J-Gate Basic Science.
- Library is giving technology based services and facilities such as Web-OPAC, reference service for searching information from online databases, e-books, e-journals, CDs/DVDs, consortia, audio books, library e-newsletter, online information literacy programs, library Blog, Online Brochure, digital library, Internet facility, Urkund- an anti-plagiarism software along with other open source tools available for research scholars, computerized issue return and attendance through barcode scanner, etc. At the same time it also provide traditional services such as reference and referral service, current awareness service, bibliographical services, reading facility, book bank facility for needy students, institutional membership of other libraries, inter library loan and library orientation programs, etc.
- Library has a huge collection of books which includes reference, text, self-help, personality development, biographies, autobiographies, success stories, novels and competitive exam related books in our library. Library subscribe national and International journals and magazines and provide gateway to many online scholarly publications.
- Every year library organizes book exhibitions; guest lectures, celebrates birth anniversaries of eminent personalities, conducts various competitions and other programs to inculcate reading habits among the students and support competitive examination cell.
- Through library website and web-OPAC library is accessible to users for 24/7 from any location. Library has its active Facebook page to circulate notices and updates.
- Library has taken membership of UGC NList

Consortia, British Library, Jayakar Library, Maratha Chamber of Commerce and Industries, Historian V. K. Research Centre.

Note: Identity card is compulsory while using library services. Students should follow instructions displayed in the library. For more details log onto: www.moderncollege.org/library.php or contact Librarian **Dr. Sangeeta Dhamdhare** on librarian@moderncollegegk.org or call on 7972092077

Placement cell

College has Placement cell for UG and PG students. Activities under the placement cell include conducting aptitude tests, seminars, Group discussions, guest lectures and Soft Skill workshop.

Well-known companies from IT sector (Quickheal, Persistent System, Patni, Webtech etc) Chemical industries (Innovassynth, Jubilian, Lupin, etc) as well as companies like e-Solve conduct campus interviews in the college for selection of candidates. Students also get opportunity to work in different Research organizations like NCL, NARI, NCCS, NIV etc. to do research activity and seek higher education.

Student's Safety – on and off the campus

Following are the provisions done by the college to ensure the safety of the student on and off the campus.

- In scalable boundary wall height, single entry point to the campus safeguard with security guards.
- Identity Verification mechanism, register for unknown visitors.
- Electronic Surveillance System
- Wearing of ID cards by the students and staff in the premises is made compulsory

Anti Sexual Harassment Cell: This Cell functions as per the guidelines of the Sexual Harassment of Women at the Workplace (Prevention, Prohibition and Redressal Act) 2013 and the UGC Regulations on Anti Sexual Harassment (2015). The Internal Complaints Committee handles the complaints and gives its recommendations to the Management for further action. The Internal Complaints Committee is as under :

Dr. Sadhana Natu Presiding Officer

(Associate Professor, 9890377533)

Dr. Anagha Tambe External Expert

(Director WSC 9850134078)

Anti-ragging Cell: Students violating rules laid down by the Govt. of Maharashtra regarding ragging are severely punished as per the law by Anti - Ragging cell of the college which is functioning according to UGC guidelines. Institutional Anti-ragging squad visits probable places of the college campus to control the ragging activities.

Students can use following helping numbers against ragging, sexual harassment, accidents, calamities etc.

Principal: 020- 25634021 (201)

Vice-Principal: 020- 25634021 (203)

Registrar : 020- 25634021 (206)

(Refer Disciplinary rules - page 65)

Grievance cell is constituted to address students' concerns and their grievances.

Counseling and Vocational Guidance Cell

The activity carried out by the department of psychology. The center offers counseling on familial, personal and emotional issues. It offers Vocational guidance and career counseling. The Cell conducts workshops on Study Skills, Life Skills, Premarital Education, Career opportunities for students of all the faculties.

Every year many students from all the three faculties avail the benefits of this centre.

Venue : Department of Psychology, Next to the Commerce Laboratory, Behind the Stage.

Timings:

Tuesday - 12 to 2 p.m.

Friday - 12 to 2 p.m

Saturday - 12 to 1p.m.

The Counselling is done **free of cost**.

Counselor: HOD, Psychology Dr. Sadhana Natu a trained Clinical Psychologist with 25 years' experience, assisted by Dr. Suvarna Bobade, a Counsellor.

International Student Cell

The cell functions as per the guidelines given by the International Students Centre of Savitribai Phule Pune University. The Cell strives to cater to the needs of international students .

- Assistance is given during admission procedure, to complete legal formalities and visa procedure.
- Trilingual' booklet is circulated at the time of admission to guide and help in case of language problems and queries related to their academics and career. Bridge and Foundation courses are run to fill the academic gap and improve their communication skills.
- Scholarships through International Council for Cultural Relations (ICCR) for their studies and provision of fee instalments for needy foreign students.
- Tour of 'Pune Darshan' is arranged to make them familiar with the city .
- The institution also organize events like 'Beyond Borders' and 'Colors of India' and 'Transcending Cultural Boundaries' based on presentations and performances to create a multicultural understanding among local and international students. Foreign students are encouraged and motivated to participate in the cultural program organized by Parent University titled as 'Know My Country'.

Support given to students with Physical Disabilities:

- College encourages students with Physical Disabilities and assures dignity and their access to higher education through the various facilities provided. To name a few are Academic and personal psychological Counselling, Audio CDs and text books, Special seating arrangement at the time of Examination ,Writer's club and Infrastructural facilities like elevator, ramp, wheel chair ,separate Washroom.

Parent Teacher meet is organized frequently

Disaster management cell organizes mock drills, workshops and awareness programs.

Mission Mrutyunjay Club: Mission Mrutyunjay Club is an activity initiated by the Police department of Pune city to impart citizenship training to Students.

Vidyarthini Manch

Objectives

- To create awareness about gender issues
- To create a platform for female students to voice their concern
- To empower female students

Activities

Conducting informative lectures, poster exhibitions. Pre-marital and Career Counseling for female students, Interactive sessions with Gender Studies Experts.

There will be no annual social gathering in the college. No special days (such as valentine day, traditional day etc.) will be allowed to be observed.

Safety of Students during Excursions / Visits / Tours /Academic Trips

- The Excursions /field visit/Tours/Academic Trips are to be carried out by **Team of Trained Teachers**, which include a **Lady Teacher**
- The concerned teachers circulate **Travel Plan** and **Do's & Don'ts during traveling** well in advance to students and Parents/Guardians.
- The **Consent Letter** from Parents /Guardians is Mandatory.

- **The Training session** is conducted for students and parents to: provide Geographical information, emergency procedures to be followed, Do's & Don'ts during traveling, First Aid.
- Instructions about Discipline, Team spirit, and caring attitude for others.
- Ensuring Medical Fitness of student.
- To communicate well in advance :the contact details of Travel company ,Driver along with Bus No., Travel Plan etc.

Eco-rangers Club – In this activity students participate in environment friendly activity to conserve our nature. Environmental Awareness Course is compulsory for college students. Through this activity we plan to visit forest areas, join river cleaning program, and visit to garbage depot. Many competitions are also organized like cycling and trekking etc. Many guest lectures, seminars and workshops are also conducted to motivate students to become Eco - rangers in order to support green earth, clean earth motto.

SETU – The Student Aid Initiative of Staff members: Every year staff members contribute towards the fees of select, needy and deserving students from all the faculties.



Disciplinary Rules

Disciplinary Rules

Students are requested to refrain from any form of ragging. As per the UGC Draft Regulations on curbing the menace of ragging in higher educational institutions, 2009, every student and parent will have to fill and sign an undertaking to refrain from ragging, and submit along with the admission form.

- b. **A Cell against Harassment and Atrocities against Women** is functioning in the College in keeping with the Supreme Court guidelines (Vishaka guidelines).
- c. Smoking is strictly prohibited in the campus.
- d. As per the Pune University Rules, **a minimum of 75% attendance is essential**; failing to which action will be taken as per the rules.
- e. The students should be aware that four wheeler commuting to the college and four wheeler parking for students is strictly prohibited.
- f. The Student shall park the vehicle in the parking space provided by the College and pay the charges.
- g. The student **shall not consume tobacco, drugs, pan parag, gutkha, liquor and other things** which are injurious to health.
- h. The student shall **switch off his/her mobile while in College premises**.
- I It is **compulsory to wear I-card** in the college campus

Maintenance of Discipline and Good Conduct by Students - Ordinance 157.

(Under section 87 & section 39 (III) of the Pune University Act, 1974.)

1. Every Student of Modern College shall at all time

- i) Conduct himself properly, ii) maintain proper behaviour, iii) observe strict discipline both on the campus of the college and also outside, in buses, railway trains or at Public places or at picnics or education trips arranged by the College or at playgrounds, iv) ensure that no act of his / her consciously or unconsciously brings the College into disrepute, v) Shall not lodge any complaint or make any representation regarding any matter connected with the College to the press or other media.

2. Any Student who behaves contrary to the provisions of following clause:

- 1) shall constitute **misconduct and / or indiscipline** which terms shall mean and include, among others, any one or more of the acts jointly or severally, mentioned hereinafter, namely-
 - (i) any act that directly or indirectly causes or attempts to cause disturbance in the lawful functioning of the college,
 - (ii) habitual unpunctuality in attending lectures, practical, tutorials and other courses as may be prescribed,

- (iii) repeated absence from lectures, tutorials, practical and other courses as prescribed,
- (iv) canvassing for or accepting contributions or otherwise associating himself or herself with raising of any fund or any object whatever without the previous sanction of the principal,
- (v) securing admission in the college to any undergraduate or postgraduate programme or any other course by fabrication or suppressions,
- (vi) Obstruction to any students or group of students in his or their legitimate activities, whether in the classroom, laboratories, fields, playgrounds, gymnasium or place of social and culture activity within the campus of the college.
- (vii) possessing or using fire arms, lethal weapons, explosives or dangerous or corrosive poisonous or stupefying drug or intoxicant in any form in the college.
- (viii) ragging, bullying or harassing any students in the college or outside thereof,
- (ix) to any other student or the authorities of the college or to staff member, or any member of the family of the staff.
- (x) indulging in any act of violence, assault, intimidation or threatening in the College or outside thereof,
- (xi) destroying or attempting to destroy or tamper with any official record or document of the College,
- (xii) conduct unbecoming of the student at any meeting or special function or sports and culture activities arranged by the College or at any other public place,
- (xiii) stealing or damaging any property belonging to the college, staff member of the college or any other students,
- (xiv) instigation or participating in any gherao of any official or staff member of the college,
- (xv) violation of any of the rules and regulations of the college or orders of the Authority,
- (xvi) gambling in any form in the college,
- (xvii) refusal to appear to give evidence before Enquiry Officer appointed by the authority with respect to a charge against him,
- (xviii) disorderly behaviour in any act specifically forbidden by the authority.
- (xix) conviction on the Court of Law for criminal offences, involving moral turpitude,
- (xx) any other act not specifically mentioned hereto before which whether, by commission or omission, as would in the circumstances of the case, be considered by the Authority as an act of misconduct and / or indiscipline.



College Committees

College Committee

Academic Planning
Alumni Association
Anti Ragging
Art Circle
Best Student Trophy
Board of National and International Linkages
Central Documentation Committee
Chemiyad
Competitive Examination Cell
Dead Stock Verification
EVS Course Assistant Co-ordinators

Examination Committee
Feedback Committee
Grievance Redressal Cell
Gymkhana Committee
Health check up Committee
I - Card Preparation and Monitoring Committee
IMPACT Committee (Implementation and planning of Academics and Training)
Innovation and Incubation Cell & Board of Research
Internal Complaint Committee
Internal Examination Committee
International Student Cell
Journal Activity Committee
Library Committee
Akanksha Magazine Committee
N.C.C Committee
N.S.S Committee
Placement Committee
Prize Distribution Committee
Prospectus Committee
Reservation Cell/ Aarakshan Samiti
Result Analysis Committee
Science Association
Soft Skill Program
Staff Academy
Student Council
Student Counselling Cell
Student Development Cell
Swar Madhuri
Website Updation Committee
Yuva Saptah Committee

In-Charge

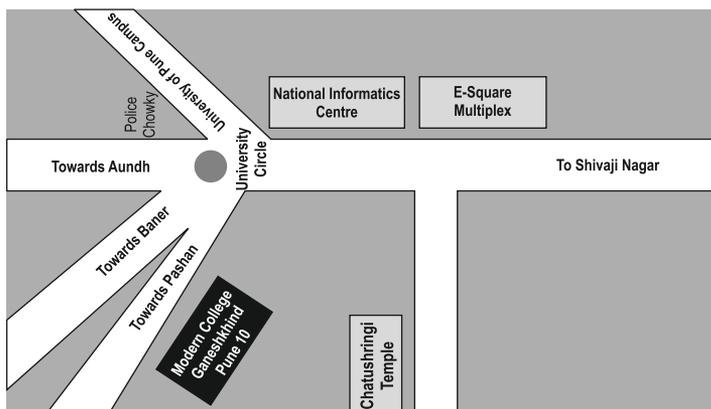
Dr. Sanjay S.Kharat
Prof. Vijayalaxmi Kulkarni
Prof. Namdev Doke
Prof. Prasad Deshmane
Dr. Chakraborti Shampa
Dr. Gouri Kopardekar
Prof. Vijaya Kulkarni
Prof. Thakar Dnuaneshwar
Prof. Jayshree Jain
Mrs. Swati Kandharkar
Arts: Dr. Sanjay Patil
Commerce: Prof. Govind Kamble
Science: Dr. Sushma Kale
Dr. Ravindra Kshirsagar
Dr. Mrunalini Bhadane
Prof. Swati Kandharkar
Dr. Deepak Shendkar
Dr. Savita Sabnis
Dr. Pallawi Bulakh

Prof. Pradnya Pathakji
Dr. Vinay Kumar
Dr. Sadhana Natu
Prof. Motilal More
Prof. Gauri Koperdekar
Prof. Anuradha Bhamidi
Dr. Deepak Shendkar
Dr. Sanskruti Awalgaonkar
Prof. Sandeep Sanap
Prof. Kumod Sapkal

Dr. Madhuri Kulkarni
Dr. Manisha Bele
Prof. Mahendra Waghmare
Dr. Nilima Kulkarni
Prof. Vaishali Salunke
Prof. Parag Shah
Dr. Shakira Inamdar
Prof. Varsha Joshi
Dr. Sadhana Natu
Prof. Sandeep Sanap
Prof. Prerana Suru
Prof. Preeti Deshmukh
Dr. Dipali Meher

Heads of Departments

• Biotechnology	: Dr. Sanjay Kharat
• Botany	: Dr. Prachi Raval
• Chemistry	: Dr. Madhuri Kulkarni
• Commerce	: Dr. Shubhangi Joshi
• Computer Science	: Dr. Shubhangi Bhatambarekar
• Economics	: Dr. Jyoti Gagangras
• Electronic Science	: Mrs. Vaishali Salunke
• English	: Dr. Shampa Chakraborty
• Geography	: Dr. Sanjay Patil
• Hindi	: Dr. Savita Sabnis
• History	: Dr. Jyoti Gagangras
• Librarian	: Dr. Sangeeta Dhamdhare
• Microbiology	: Mrs. Sneha Ogale
• Mathematics	: Mrs. Swati Kandharkar
• Marathi	: Dr. Sanskruti Awalgaonkar
• Physics	: Mrs. Varsha Joshi
• Physical Education	: Dr. Deepak Shendkar
• Political Science	: Dr. Gauri Kopardekar
• Psychology	: Dr. Sadhana Natu
• Sociology	: Dr. Jyoti Gagangras
• Statistics	: Mrs. Rajashree Umrani
• Zoology	: Dr. Sanjay Kharat
• CO-ORDINATORS	
• M.Com	: Ms. Vijayalaxmi Kulkarni
• B.B.A. (C.A.)	: Ms. Suvarna Mhasekar
• B. Voc.	: Prof. Mrunal Pardeshi
• B.C.A. (Sc.)	: Prof. Deepak Kumbhar



**Progressive Education Society's
Modern College of
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 Website: www.moderncollegegk.org

Beyond the Classroom



Safety Measures



Progressive Education Society's
Modern College of Arts, Science & Commerce
Ganeshkhind, Pune -18

CORONA VIRUS

Don't Fear Just Take Care!

Novel Coronavirus (COVID-19)

- Wash your hands frequently
- Maintain social distancing
- Avoid touching your eyes, nose and mouth
- Practice respiratory hygiene by covering your mouth and nose with your bent elbow or tissue when you cough or sneeze
- If you have fever, cough and difficulty in breathing, seek medical care at the earliest
- Stay informed and follow the advice given by your doctor
- See a doctor if you feel unwell - while visiting a doctor wear mask/cover to cover your mouth and nose
- If you have any symptoms, please call State Helpline Number or Health Ministry 24 X 7 helpline number +91-11-23173048 or email at ncov2019@gmail.com

Prevention is Better Than Cure