



Maratha Vidya Prasarak Samaj, Nashik  
**Commerce , Management &  
Computer Science (CMCS) College**

**Udoji Maratha Boarding Campus, Gangapur Road, Nashik 422013**

Affiliated to Savitribai Phule Pune University (College ID:PU/NS/BCA/94/2006)

# PROSPECTUS 2016-17



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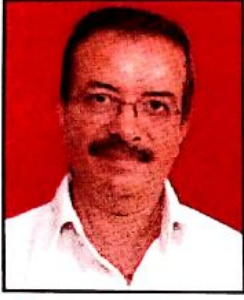
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## Maratha Vidya Prasarak Samaj

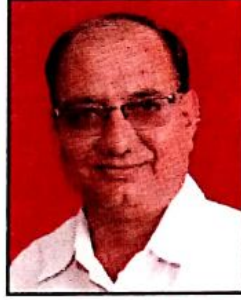
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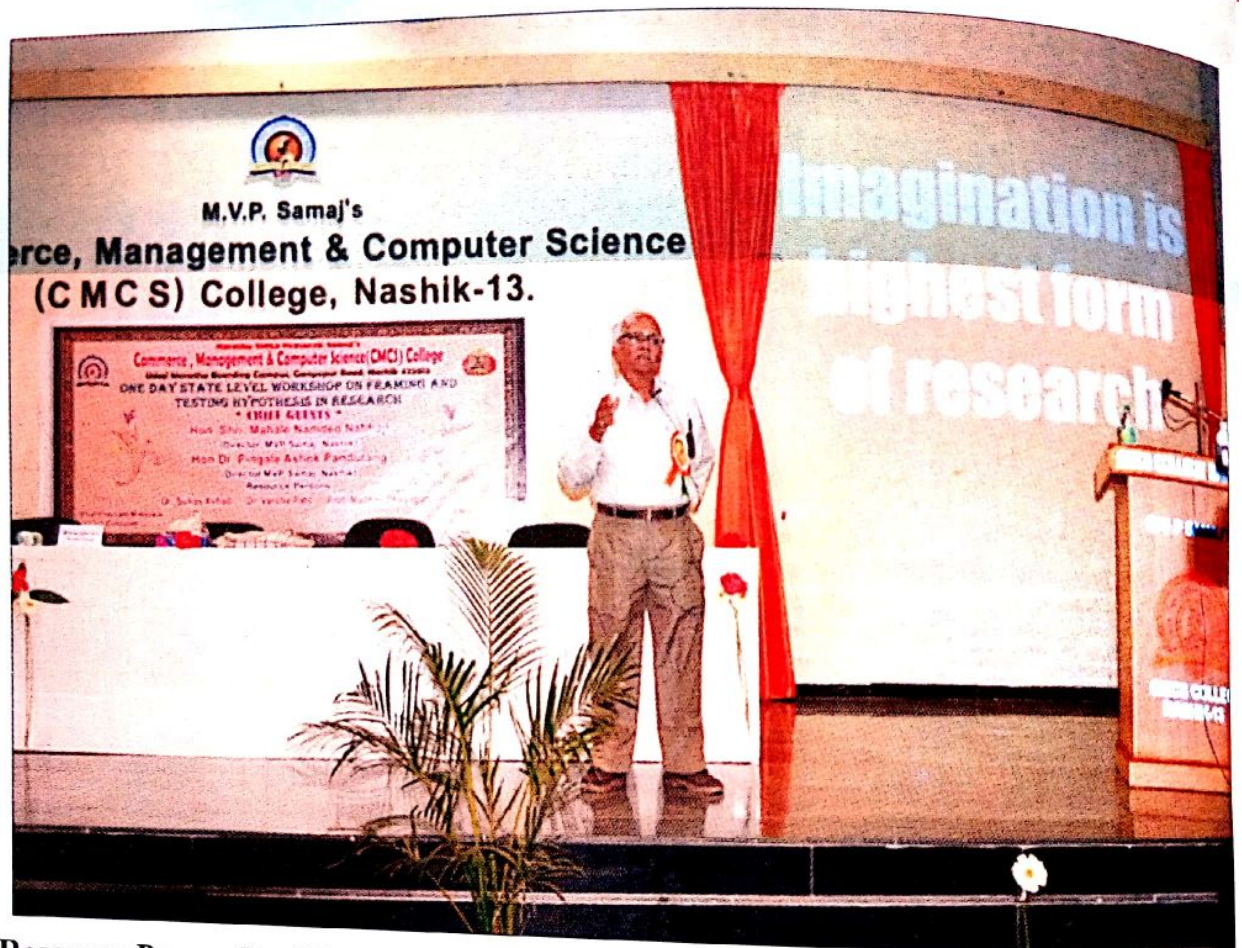


Samaj Din



Annual Prize Distribution by the hands of Dr. A. P. Patil and RJ Bhushan Matkari





Resource Person Prof. Madhav Dhayagude Delivering Speech in State Level Workshop



Dr. Varsha Patil Addressing Participants in State Level Workshop on Research



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## About MVP Samaj

The Maratha Vidya Prasarak Samaj is one of the most prestigious centers of learning in the State of Maharashtra. It has been over 100 years that it has stood the test of time to become legend of unparalleled stature. History says that the credit for the birth of M.V.P.Samaj goes to the young, enthusiastic and devoted team of social workers and educationists who were inspired by the lives of Mahatma Jyotiba Phule, Savitribai Phule and Rajashri Shahu Maharaj of Kolhapur. These young leading lights include Karmaveer Raosaheb Thorat, Bhausaheb Hire, Kakasaheb Wagh, Annasaheb Murkute, Ganpat Dada More, D.R.Bhonsale, Kirtiwanrao Nimbalkar and Vithoba Patil Khandalaskar, who laid the foundation of the Samaj. They were the men who envisioned a culture and knowledge centric society. The motto of the Samaj reads for the "well being and happiness of the masses" to kindle the social cause.

M.V.P.Samaj, a par excellence knowledge centre, registered under Bombay Public Trust Act, is proud of itself having pool of more than 2,01,792 students in 422 educational institutions. Under the jurisdiction of University of Pune, Maharashtra University of Health Sciences, MSBTE, M.V.P. Samaj spearheading and propagating education from primary to upper crest management and professional stream like Medicine, Physiotherapy, Nursing, Pharmacy, Engineering, Polytechnic, Architecture and Computer Science etc. The Samaj has strived to create a niche for itself in the world of education, by uplifting the standard of education in the society. Government of Maharashtra felicitated MVP Samaj Nashik for its educational contribution to the society. Yashwantrao Chavan Maharashtra Open University, Nashik also honored MVP Samaj, Nashik with Punjabrao Deshmukh award in 2006.

In the year 2015-16 our Hon. Sarchitnis Smt. Nilimatai Vasantraoji Pawar has received prestigious **Jeevan Sadhana Gaurav Puraskar** from Savitribai Phule Pune University.



### MVP at a glance

Established	1914
Public Trust	Regd. No. A-436/1954
No. of Life Members (General)	9,986
No. of Life Members (Employee)	407
No. of Branches	423
No. of Students	2,04,689
No. of Employees	8,258
Annual Budget	534 Crores 17 Lakh (2015-16)

### Branches

Institution	Nos.	Institution	Nos.
Preprimary Schools (Marathi Medium)	59	Management Institutes	01
Preprimary Schools (English Medium)	10	Printing Press	01
Primary Schools (Marathi Medium)	49	I.T.I.	08
Primary Schools (English Medium)	13	Medical College	01
Ashram Schools (Primary)	03	Medical College Hospital & Res.Centre	01
Ashram Schools (Secondary)	02	Hostels	24
Secondary Schools (Marathi Medium)	149	Agriculture School	01
Secondary Schools (English Medium)	02	School of Fine Art	01
Higher Secondary Schools	54	Jan Shikshan Sansthan	01
D Ed Colleges	05	D. Pharmacy	01
B Ed Colleges	02	Training College of Nursing	01
Arts, Commerce & Science Colleges	22	College of Engineering	01
College of Pharmacy (B. Pharm).	01	College of Agriculture	01
College of Architecture	01	College of Physiotherapy	01
Engineering College	01	Law College	01
Bachelor of Design	01	College of Social Work	01
Nursing College	01	Polytechnic College	01



## About the college:

MVP's Commerce, Management and Computer Science College, popularly known as CMCS College was established in September 2006 and is affiliated to Savitribai Phule Pune University (College ID NO: PU/NS/BCA/94/2006). Since June 2009 the college has started functioning on its own campus. Inauguration of the new majestic and well planned college building is done on Saturday 7 April 2012 by the hands of Hon. Sharad Pawar former Minister of Agriculture, Government of India. Our college was the dream of our Late Sarchitnis Hon. Dr. Vasantraoji N Pawar. It is one of the best colleges of Marathi Vidya Prasarak Samaj started on un-aided basis. The college is running B. Com, BBA (Computer Application), B.Sc. (Computer Science) courses under at undergraduate level and M.Sc. (Computer Science) at postgraduate level. The college has also introduced courses like English Proficiency, MSCIT and Certificate Course in E-Commerce for the enrichment of students. We believe in educational as well as overall personality development of students. The college consists of attractive campus with various facilities such as airy and well ventilated classrooms, WI-FI campus, well stocked library, reading hall, seminar hall, well equipped laboratories, ICT enabled classrooms and sport facilities for student's development.

The college has students Grievance Committee, Student Council, Students Welfare Scheme, Earn and Learn Scheme, Insurance Policy Schemes, Competitive Examination Guidance Cell, Training and Placement Cell, Alumni Association, Women Welfare Committee for the welfare of students. The college has also established CMCS Rotaract club in collaboration with Rotary club of Nashik to create social and environmental awareness among students. The college encourages students to participate in various curricular and extra-curricular activities by organizing various activities. The teaching staff of the college is well qualified. Several faculty members are NET/SET qualified and are pursuing Ph. D. The staff is consistently busy in research and extension activities.

Students of the college are actively involved in blood donation camp, tree plantation, environment cleanliness activities, donations and various programmes of NSS which make them socially responsible.

### Vision:

We aspire to be an institution that can contribute to the development of our country through excellence in higher education, providing participatory teaching, learning and research opportunities to students and prepare them as socially responsible, globally competent, excellent human beings. We aim at creating technologically competent manpower as well as administrators and entrepreneurs by providing quality education in the field of computer, commerce and management.



## **Mission:**

- To educate students in the field of computer, communication, managerial skills & entrepreneurial skills.
- To empower women students by providing opportunities of higher education and make them self reliant.
- To develop physically, emotionally, culturally & educationally competent human resources.
- To provide education for sustainable development of society by enabling students acquire the knowledge, skills, attitudes & values necessary to shape their future.
- To create globally competent manpower for meeting the present & future industrial and social demands.
- Committed to work for the well-being & happiness of common masses.

## **Salient Features of the college:**

- ✓ Environment friendly well structured and ventilated college building.
- ✓ Excellent Infrastructure.
- ✓ WI-FI enabled campus
- ✓ Well Stocked Library
- ✓ ICT enabled classrooms and well equipped laboratories
- ✓ Organization of various enrichment courses and co-curricular, extra-curricular activities for the development of students.
- ✓ Active Training and Placement Cell
- ✓ Competitive Examination Preparation Cell
- ✓ Internal Quality Assurance Cell
- ✓ Career Oriented Courses like English Proficiency, MSCIT and E-Commerce
- ✓ Student Grievances and Redressal Cell
- ✓ Healthy student teacher relationship.
- ✓ Various extension activities for students.
- ✓ Good number of qualified faculty members.
- ✓ Cooperative non teaching faculty.
- ✓ Dynamic and inspiring leadership of the Principal.
- ✓ Strong support and guidance from the Top Management for institutional academic development.

## **Admission Procedure:**

- a) A student who has passed XII (HSC) or its equivalent examination is eligible for admission to First Year degree course of respective faculty.
- b) **For admission to first year BBA(IT) and BBA courses, minimum 40% marks at XII (HSC) or its equivalent examination are required.** The student with



percentage of marks less than 40% at XII (HSC) is not eligible for admission to these courses.

- c) A student seeking admission to this college will have to submit the admission form duly filled along with required fees and documents on the specified date.
- d) The admission form should have the following documents with it:
- Statement of Marks of previous latest examination, 2 attested copies.
  - School Leaving Certificate (LC) or Transference Certificate (TC) (original + 2 attested copies).
  - Other necessary documents as per requirement of the faculty/course etc.
- e) **Students seeking admission to the First Year in any discipline will have to apply to Savitribai Phule Pune University for Eligibility Certificate.** They will have to pay eligibility fee separately at the time of admission.
- f) A student will be admitted to the First Year provisionally and the **admission will be confirmed only on the receipt of Eligibility Certificate from the University.**
- g) Every first year student will have to undergo a medical checkup by an authorized medical officer. The application for Eligibility Certificate will be sent to the University only after the medical checkup and the certificate to that effect is produced.
- h) Students from other University will have to submit following documents along with the admission form:
- Migration Certificate.
  - Statement of Marks in Original with 2 attested Xerox copies.
  - Passing Certificate in Original.
  - Character Certificate.
- i) Immediately after seeking admission, the **student should procure an identity card duly signed by the college authority.** The identity card must be shown by the student whenever demanded by the college staff/authorities.
- j) Admissions to all the classes are given strictly on the merit basis and reservation as per Government of Maharashtra rules.

#### **Cancellation of Admission & Refund of Fees:**

**Partially paid fees will not be refunded.** The candidate who has taken admission to the college and has paid all the fees is entitled to get refund of fees after deducting the amount indicated below:

Sr No	Time of cancellation	Amount to be deducted
1	1 <sup>st</sup> to 10 <sup>th</sup> day from date of admission	20% of total fees
2	11 <sup>th</sup> to 30 <sup>th</sup> day from date of admission	40% of total fees
3	After one month	100% of total fees

**Note :- CDF Fees Not Refundable**



## Academic and Examination Details Courses

### I) Commerce Faculty:

#### a) Course-I: Bachelor of Commerce (B. Com.) (Annual Pattern)

The B.Com. Degree Course (Revised Structure) will consist of three Years. For all the three years annual examination will be held at the end of the respective year.

#### F. Y. B. Com.:-

##### Eligibility:

1. No Candidates shall be admitted to enter the First Year of the B.Com. Degree Course (Revised Structure) unless he/she has passed the Higher Secondary School Certificate Examination of the Maharashtra State Board of Higher Secondary Education Board or equivalent or University with English as a passing subject.

2. No candidate shall be admitted to the annual examination of the First year B.Com. (Revised Structure) unless he/ she have satisfactorily kept two terms for the course at the college at the college affiliated to this University.

**Admission:** Admissions will be given to First Year B.Com. course on the basis of merit at HSC examination, norms, rules and regulations of the parent University and directives given by Government of Maharashtra from time to time.

The medium of instruction is English as well as Marathi. Optional subjects are allotted to a limited number of students on the basis of merit in the previous examination.

A student has to **select seven subjects** from the following list:

Sr. No.	Subject
1	Compulsory English
2	Financial Accounting
3	Business Economics (Micro)
4	(A) Business Mathematics and Statistics or (B) Computer Concepts and Applications
5	<b>Optional Group (Any one of the following)</b> a) Organizational Skill Development. b) Banking & Finance
6	<b>Optional Group (Any one of the following)</b> a) Marketing & Salesmanship



	b) Business Environment & Entrepreneurship
7	(Any one of the language from the following groups)  Modern Indian Languages (M.I.L.) -: Additional English / Marathi / Hindi /

### Practical:

There shall be practical in Financial Accounting subject, carrying 20 marks. There will be an oral examination of 20 marks for Additional English/Marathi/Hindi. Practical and/or the oral examination shall be held before University theory examination.

### S.Y.B.Com.:-

### Eligibility:

F.Y.B.Com passed or passed with ATKT. No candidate shall be admitted to the annual examination of the Second Year unless he/she has kept two terms satisfactorily for the course at the college affiliated to this University.

**Admission:** Admissions will be given to S.Y.B.Com. course on the basis of merit at F.Y.B.Com. under norms, rules and regulations of the parent University.

The medium of instruction is English as well as Marathi. **Optional subjects are allotted to the students on the combined basis of a personal interview and merit in the previous examination.** In S.Y.B.Com, a student will have to study seven subjects including Environmental Awareness. He / She have to select six subjects from the list given below:

### Group A) Compulsory Five Subjects

Sr. No.	Subjects
1	Business Communication
2	Corporate Accounting
3	Business Economics (Macro)
4	Business Management
5	Elements of Company Law

### Group B) Special Subjects (Select any one)

Sr. No.	Subjects
6	Banking and Finance-I
	Cost and Works Accounting-I
	Marketing Management-I



**Group C)** A student has to offer "**Environmental Awareness**" as a seventh subject.

**Every Second Year student of B.Com and B.Sc. (CS) degree courses** has to offer a compulsory course on "*Environmental Awareness*". A student will not get the Pune University degree unless he pass *Environmental Awareness* Course.

**About the Environmental Awareness Course:**

Considering the problems of deteriorating environment, managing environmental hazards has become one of the important tasks. For this it is necessary to create environmental awareness among the students. According to the University Grants Commission, New Delhi guidelines, University of Pune has introduced a basic course on *Environmental Awareness* for the students of all the faculties. **It is a compulsory course** and will run parallelly with the regular syllabus.

Examination of the *Environmental Awareness* course will be conducted annually. Question paper will carry 100 marks. Distribution of marks is as follows:

- Multiple choice questions : 50 Marks
- Essay type questions with internal options : 25 Marks
- Field work : 25 Marks

Grades will be awarded as follows:

Grade	Range of Marks
Grade O	above 75% marks
Grade A	61% to 75% marks
Grade B	51% to 60% marks
Grade C	40% to 50% marks

**Practicals:-** There shall be practical examination in the following subjects carrying 20 marks for each: a) Business Communication b) Special subject offered by the student

Practicals and/or the oral examination shall be held before University theory examination.

**F.Y.B.Com.:-**

**Eligibility:**

No candidate shall be admitted to the Third year of the B.Com. Degree Course (Revised Structure) unless he/she has passed in all the papers at the First Year B.Com. Examination and has passed in all the papers at the first Year B.Com. Examination and has satisfactorily kept terms for the second year and also two terms for the third year of B.Com. satisfactorily in a college affiliated to this University.



The medium of instruction is English as well as Marathi. The Student must continue optional subject of S.Y.B.Com. In T.Y.B.Com. The student has to select six subjects from the following list:

**Group A) Compulsory Subjects:**

Sr No	Subjects
1	Business Regulatory Framework (M Law)
2	Advanced Accounting
3	Indian & Global Economic Development (or International Economics)
4	Auditing & Taxation

**Group B) Special Subjects (Select any two)**

Sr No	Subjects
5	Banking & Finance II & III
	Cost and Works Accounting II & III
	Marketing & Publicity II & III

**ATKT Rules:**

As far as A.T.K.T. is concerned, a student who fails in two theories and one practical head of passing at F.Y.B.Com may be admitted to S.Y.B.Com. likewise a student who fails in the two theory and one practical head of passing at S.Y.B.Com may be admitted to T.Y.B.Com. But a student passing S.Y.B.Com but fails in any subject at F.Y.B.Com cannot be admitted to T.Y.B.Com.

**b) Course-II: BACHELOR OF BUSINESS ADMINISTRATION (Computer Application) (Semester Pattern)**

**F.Y.B.B.A. (CA):-**

**Eligibility:**

- HSC (10+2) from any stream with English as passing Subject with minimum 40 marks in aggregate.
- Two years Diploma in Pharmacy Course of Board of Technical Education, conducted by Government of Maharashtra or its equivalent.
- Three Year Diploma Course (after S.S.C. i.e. 10th Standard), of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
- MCVC
- Every eligible candidate has to pass Common Entrance Test to be conducted by the respective Institute/College.



**Course Duration:** It is a full time course of three years duration divided into Six Semesters.

**Admission:** Admissions to the First Year BBA(CA) course shall be given on the basis marks in HSC examination.

**UNIVERSITY EXAMINATION PATTERN:**

The examination will be of 3600 marks divided into 3 parts as follows:

Sr No	Year	Semesters	Aggregate Marks
1	First Year BBA(CA)	Semesters I & II	1200
2	Second Year BBA(CA)	Semesters III & IV	1200
3	Third Year BBA(CA)	Semesters V & VI	1200

For Theory Paper There Will Be 80:20 Pattern

30 Marks: University Exam

20 Marks: Internal Exam

For Practical And Project Examination Semester I to VI: 100 marks

**AWARD OF CLASS:**

Sr No	Aggregate Percentage of Marks	Class
1	70 & above	First Class with Distinction
2	60 & above but less than 70	First class
3	55 & above but less than 60	Higher Second Class
4	50 & above but less than 55	Second Class
5	40 & above but less than 50	Pass Class
6	Below 40	Fail

**Course structure:**

A student has to study **five theory papers and a laboratory course for each semester.**  
Medium of instruction shall be English.

Year	Semester	Course No	Title of the Paper
First	I	101	Modern Operating Environment & MS Office
		102	Financial Accounting
		103	Programming Principal & Algorithms
		104	Business Communication
		105	Principles of Management
		106	Laboratory Course – I [Based on Paper No.101&102]



	II	201	Procedure Oriented Programming using C
		202	Data Base Management System
		203	Organizational Behavior
		204	Computer Applications in Statistics
		205	E-Commerce Concepts
		206	Laboratory Course – II [Based on Paper No. 201 202]

Year	Semester	Course No	Title of the Paper
Second	III	301	Relational Database Management Systems
		302	Data Structures using C
		303	Operating System Concepts
		304	Business Mathematics
		305	Software Engineering
		306	Laboratory Course – III [Based on Paper No. 301 and 302 ]
	IV	401	OOP's using C++
		402	Programming in Visual Basic
		403	Computer Networking
		404	Enterprise Resource Planning
		405	Human Resource Management
		406	Laboratory Course – IV [Based on Paper No. 401 & 402 ]

Year	Semester	Course No	Title of the Paper
Third	V	501	Java Programming
		502	Web Technologies
		503	Dot Net Programming
		504	Object Oriented Software Engineering
		505	Software Project – I [Based on C++ / VB Technology]
		506	Laboratory Course V [Based on 501 & 502]
	VI	601	Advanced web Technologies
		602	Advanced Java
		603	Recent Trends in IT
		604	Software Testing
		605	Software Project – II [Java / Dot net Technology]
		606	Laboratory Course VI [Based on 601 & 602]



### ATKT Rules:

a) A student shall be allowed to keep term for the Second Year, if he/she has a backlog of not more than three theory & one practical or four theory heads of total number of subjects of the First year examination, which consist of First & Second Semester.

b) 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 three theory & one practical or four theory heads of total number of subject of the Second Year examination which consist of Third & Fourth Semester.

**c) Course-III: Bachelor of Business Administration [B. B.A] (Semester Pattern)**

**F.Y.B.B.A.:-**

### Eligibility:-

(i) A candidate for being eligible for admission to the Degree course in Bachelor of Business Administration shall have passed 12th Std. Examination (H.S.C. 10+2) from any stream with English as passing subject and has secured 40% marks at 12th Std.

(ii) Two years Diploma in Pharmacy after H.S.C., Board of Technical Education conducted by Government of Maharashtra or its equivalent.

(iii) Three Year Diploma Course (after S.S.C., i.e. 10th Standard) of Board of Technical Education conducted by Government of Maharashtra or its equivalent.

(iv) MCVC

(v) Every eligible candidate has to pass a Common Entrance Test to be conducted by the respective Institute/College.

### Course structure:

A student will have to offer **six papers for each semester**. The medium of instruction shall be English. The course structure is as follows:

Year	Semester	Course No	Title of the Paper
First	I	101	Business Organization and Systems
		102	Business Communication Skills
		103	Business Accounting
		104	Business Economics (Micro)
		105	Business Mathematics
		106	Business Demography & Environmental Studies



	II	201	Principles of Management
		202	Principles of Marketing
		203	Principles of Finance
		204	Basics of Cost Accounting
		205	Business Statistics
		206	Business Informatics

Year	Semester	Course No	Title of the Paper
Second	III	301	Personality Development
		302	Business Ethics
		303	HRM and Organizational Behavior
		304	Management Accounting
		305	Business Economics (Macro)
		306	I. T. in Management
	IV	401	Production and Operations Management
		402	Industrial Relations & Labor Laws
		403	Business Taxation
		404	International Business
		405	Management Information System
		406	Business Exposure (Field Visits)

Year	Semester	Course No.	Title of the Paper
Third	V	501	Supply Chain and Logistics Management
		502	Entrepreneurship Development
		503	Business Law
		504	Research Methodology (Tools & Analysis)
		505	Specialization paper-1 (e.g. Finance-I)
		506	Specialization paper-2 (e.g. Finance-II)
	VI	601	Business Planning & Project Management
		602	Event Management
		603	Management Control System
		604	E-Commerce
		605	Specialization paper-3 (e.g. Finance-III)
		606	Specialization paper-4 (e.g. Finance-IV)



**Students could do specialization in one of the following subjects:**

1. Finance
2. Marketing
3. Human Resource Management
4. Service Sector Management
5. Agri-Business Management

### **Internal Assessment**

Internal assessment for each subject shall carry 20 marks and these marks are a part of University assessment. A candidate has to secure **minimum 32 out of 80 in the University examination and 8 out of 20 in the internal examination.**

### **ATKT Rules:**

a) 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.

b) A student shall be allowed to keep 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.

## **II) Science Faculty:**

### **Course-IV: Bachelor of Science (Computer Science)**

It is a 3-year degree course of Pune University. First Year is annual pattern. Second & Third Years are run under semester system.

### **F Y B. Sc. (Computer Science):-**

**Eligibility:** Higher Secondary Certificate (HSC)/XII Science or equivalent with mathematics.

**Admission process:** As per merit at HSC or equivalent examination and rules & norms of Pune University and Government of Maharashtra.

**Course Structure:** There will be **four subjects at first year** Namely

1. Computer Science
2. Mathematics
3. Electronics
4. Statistics



Each subject (except Computer Science) consists of 2 theory papers & a laboratory course. Computer Science consists of 2 theory papers and two laboratory courses.

Sr.	Subject	Titles of Theory Papers
1	Computer Science	Problem Solving Using Computers and 'C' Programming File Organization and Fundamentals of Databases
2	Mathematics	Discrete Mathematics Algebra & Calculus
3	Electronics	Principles of Analog Electronics Principles of Digital Electronics
4	Statistics	Statistical Methods-I Statistics Methods-II

### S.Y.B. Sc. (Computer Science):-

**Eligibility:** F.Y.B.Sc. (Computer Science) passed or passed with ATKT

There will be five courses at S.Y.B.Sc. (Computer Science) namely

1. Compulsory course in Environmental Awareness
2. Computer Science
3. Mathematics
4. Electronics
5. English

In Computer Science, the student has to study two theory papers and two laboratory courses. A student has to study two theory papers and one laboratory course in Mathematics & Electronics.

Year	Semester	Subject	Title of Theory Papers
Second	First	Computer Science	Data Structures Using C
			Relational Database Management Systems
		Mathematics	Mathematics Paper I
			Mathematics Paper II
		Electronics	Electronics Paper I
	Second		Electronics Paper II
		English	Technical English
		Computer Science	Object Oriented Concepts using C++
		Mathematics	Software Engineering
			Mathematics Paper I
		Electronics	Mathematics Paper II
			Electronics Paper I
		English	Electronics Paper II
			Technical English



Every second year student of B.Com/B.Sc. (CS) degree courses has to offer a compulsory course on "Environmental Awareness". A student will not get the Savitribai Phule Pune University degree unless they pass *Environmental Awareness* Course.

#### About the Environmental Awareness Course:

Considering the problems of deteriorating environment, managing environmental hazards has become one of the important tasks. For this it is necessary to create environmental awareness among students. According to the University Grants Commission, New Delhi guidelines, University of Pune has introduced a basic course on *Environmental Awareness* for the students of all the faculties. **It is a compulsory course** and will run parallel with the regular syllabus.

Examination of the *Environmental Awareness* course will be conducted annually. Question paper will carry 100 marks. Distribution of marks is as follows:

- Multiple choice questions : 50 Marks
- Essay type questions with internal options : 25 Marks
- Field work : 25 Marks

Grades will be awarded as follows:

Grade	Range of Marks
Grade O	above 75% marks
Grade A	61% to 75% marks
Grade B	51% to 60% marks
Grade C	40% to 50% marks

#### T.Y.B. Sc. (Computer Science):-

**Eligibility:** FY BSc (Computer Science) passed with all subjects and SYBSc (Computer Science) passed or passed with ATKT as per the Savitribai Phule Pune University rules.

There will be **six theory & three laboratory** courses at T.Y.B.Sc. (Computer Science)

Year	Semester	Code	Title of Theory Papers
Third	<b>Theory Courses</b>		
	Third	CS-331	Systems Programming
		CS-332	Theoretical Computer Science
		CS-333	Computer Networks-I
		CS-334	Internet Programming-I
		CS-335	Programming in Java-I
		CS-336	Object Oriented Software Engineering
	Fourth	CS-341	Operating System
		CS-342	Compiler Construction



		CS-343	Computer Networks-II
		CS-344	Internet Programming-II
		CS-345	Programming in Java-II
		CS-346	Computer Graphics
	<b>Laboratory Courses</b>		
		CS-347	Practicals Based on CS-331 and CS-341 – Sem I & Sem II
		CS-348	Practicals Based on CS-335 and CS-346 – Sem I & Sem II and Project
		CS-349	Practicals Based on CS-334 and CS-344 – Sem I & Sem II and Project

### ATKT Rules:

While going from F.Y.B.Sc.(CS) to S.Y.B.Sc.(CS) at least 8 courses (out of total 12) should be passed; however all F.Y.B.Sc.(CS) courses should be passed while going to T.Y.B.Sc.(CS). While going from S.Y.B.Sc. to T.Y.B.Sc.(CS), at least 12 courses (out of 22) should be passed (Practical Course at S.Y.B.Sc. will be equivalent to 2 courses).

### III) Post Graduate Degree Program under Science Faculty

#### Course-V: Master of Computer Science (Comp. Sc.): Semester system

It is a two years postgraduate degree course of Savitribai Phule Pune University. First and Second Year are run under semester system.

#### Eligibility:

Candidate passing B.Sc. (Computer Science) examination with minimum of 50% marks are eligible for admission to first year M. Sci. (Computer Science) course.

#### Admission process:

Admission to the first year M.Sc. (Computer Science) full time course will be given on the basis of B. Sc. (Computer Science) Or Equivalent Course Examination Marks. The Merit List of 30 students will be display on the Notice Board. The students concerned has to take Admission within given time

#### Course Structure:

The two year integrated course is divided into four semesters. Semester I & II each has four theory course and one practical. Semester III has four theory & one practical course. During semester four, students have to undergo industrial training in the software industry.

Year/ Semester	Subject	Paper	Title of Paper
Year-I Sem-I	Core	CS-101	Principles of Programming Languages Advanced Networking
	Core	CS-102	



	Core	CS-103	Distributed Database Concepts
	Core	CS-104	Distributed Database Concepts
	Core	CS-105	Network Programming
<b>Minimum Credit : 25                      Maximum Credit : 25                      Core Subject is compulsory</b>			
Year-I Sem-II	Core	CS-201	Digital Image Processing
	Core	CS-202	Advanced Operating Systems
	Core	CS-203	Data Mining and Data Warehousing
	Core	CS-204	Project
	Elective	CS-205	Programming With DOT NET
	Elective	CS-206	Artificial Intelligence
<b>Minimum Credit: 25 Maximum Credit: 30. Core Subject is compulsory. From elective courses student can select one course for minimum credit and two for maximum credit.</b>			
Year-II Sem-III	Core	CS-301	Software Metrics & Project Management
	Core	CS-302	Mobile Computing
	Core	CS-303	Soft Computing
	Elective	CS-304	Project
	Elective	CS-305	Web Services
	Elective	CS-308	Business Intelligence
<b>Minimum Credit : 25 Maximum Credit : 35, Core Subject is compulsory, From elective courses student can select two course for minimum credit and four for maximum credit</b>			
Year II Sem-IV	Core	CS-401	Industrial Training/Institutional project

Core Subject is compulsory. If student had completed 85 credit within three semesters then no need to select any elective course otherwise student should select appropriate number of elective courses to minimum complete 100 credits.

### Rules of Discipline:

Students should follow all the rules and norms of discipline of the college. Rules regarding routine work, behavior on campus, in classrooms and library and at various functions and during examination should be properly observed by all the students.

Rules and regulations jointly made by the University of Pune, Educational Council, State Government and College Management should be strictly followed by all the students:

- 1 Students must carry Identity Cards with them at all times while on the campus.
- 2 Dress code for students is compulsory.
- 3 Use of Mobile phones is strictly prohibited on the college campus
- 4 Students must behave decently and politely with the college staff and student friends.



- 5 Every student should keep away from ragging. If any incident of ragging comes to notice of the authorities, the concerned student shall be given liberty to explain and their explanation is not found satisfactory, the authority would expel the student from the college.
- 6 Vehicles must be parked at the parking place only. Defaulters will be severely punished.
- 7 Photography on campus is prohibited.
- 8 Smoking, consuming liquor, eating Gutkha, Pan Masala, Pan and spitting in college campus is strictly prohibited.
- 9 Weapons that may cause physical injury are prohibited on the college campus.
- 10 Writing anything on walls of classrooms, in toilets and throwing scraps, garbage is strictly prohibited on the college campus.
- 11 Furniture, lamps, fans in a college campus should be used carefully. No damage should be caused to any property on the college campus.
- 12 Shouting, causing nuisance, banging on staircase, speaking in the library reading hall, loitering on the college campus is strictly prohibited.
- 13 Visitors are not allowed on the college campus unless a special permission is taken.
- 14 Study tours (only if it is a requirement of syllabus) can be arranged only with the permission of the Principal. College or management authorities will not be responsible in any way for the tours conducted without prior, proper permission.
- 15 Students should contact the principal for any complaint.
- 16 No student should participate in any antisocial, antinational, anti-college or anti-management activity nor should they involve in any religious movement.
- 17 Students should participate and constructively cooperate in all the extracurricular, co-curricular activities organized on the college campus.
- 18 Use of unfair means and copy material in the examination is a punishable offense.
- 19 University Examination forms will be detained if the student has less 75% class attendance in a college.

The following measures may be taken in case of non-observance of rules and regulations

- i) Cancellation of admission
- ii) Cancellation of terms
- iii) Detention of examination forms
- iv) Rustication from examination/college
- v) Withholding examination results
- vi) Suspension from the college
- vii) Severe Fine
- viii) Confiscation of deposit



## **Facilities:**

### **Art Circle:-**

Arts circle of the college is the platform for the students to present their creativity in the performing arts. It gives exposure to the performing arts like Singing, Music, Dancing, Drama, and Painting. Arts circle of the college is actively involved in the preparation of College Annual Magazine "Kshitij".

#### **Activities:**

- Yuvaspandan Competition
- Annual Social Gathering
- College Magazine Cover page Design Competition
- Elocution and Debate Competition
- Rangoli
- Flower Decoration
- Photography Exhibition
- Painting
- Mehendi Competition

### **Audio visual Class Room:-**

Information and Communication Technology is the need of higher education. To implement it in reality the college has developed two Information and Communication Technology (ICT) classrooms for effective teaching and learning. The classrooms are equipped with audio visual tools which faculty uses for effective teaching and better explanation of the topic to students.

### **Library:-**

Library is the heart of an organization or institutes. Library plays vital role in the development of the students as well as the faculty members. Library is trinity of students, staff members and Resources. Library builds collection and create tools to support teaching and learning and provide better services to its users. Commerce, Management and Computer Science College has established its own library in the year-2006-07

Total books: 4,156

### **Reading Room:-**

- The area of Reading room is 33.55 sq.m.
- The seating capacity of College Reading Hall is 50 students.



- The separate seating facility for teachers is available in the stack room of library.

### **Well Equipped Seminar Hall:-**

The college has a seminar hall with an audio-video system.

### **Laboratories:-**

The college has well equipped 4 Computer and 1 Electronics laboratories.

### **National Service Scheme (NSS):-**

NSS is a noble experiment in academic expansion. It encapsulates the spirit of voluntary work among the students and the teachers to sustain community interaction. It brings academic institutions closer to the society. It shows how to combine knowledge and action to achieve the desirable results leading to community development.

### **Board of Student Welfare (BSW):-**

The department of Board of students' welfare established in C.M.C.S College in the year 2014. It is with the mission to provide sustainable support to students for their academic and social development.

Board of students' welfare (BSW) makes every effort to overall development of students. It implements various schemes under "Savitribai Phule Pune University". BSW strive to provide an environment for student to develop and cultivate social values apart from academic curriculum.

### **Schemes executed under Board of Students' Welfare, C.M.C.S College:-**

- ✓ **Earn & Learn Scheme**  
This scheme is for underprivileged students. Students working under this scheme are provided work in college campus. Students can earn money while taking their education.
- ✓ **Workshop for Lady Student Personality Development**  
Board of students' welfare of C.M.C.S College, arranges workshop specifically for lady students. The workshop aims to develop the confidence and personality of a lady student who comes from the rural areas and are deprived sections of society.



### ✓ Special Guidance Scheme

The basic objective of this scheme is to disseminate latest knowledge to the students. Board of students' welfare of C.M.C.S College, arranges lectures of expert persons in specialized areas.

### Rotaract Club:-

"Rotary club of Nasik" is one of the oldest clubs in the city. In partnership with Rotary Club of Nasik CMCS college has taken the initiative of forming a Rotaract Club in college for the year 2015-16. More than 50 students from the college are now members of the Club. The objectives are as follow:

- To be more socially active as an individual.
- To be more responsible towards the society.
- To build leadership qualities among the students.
- Development of the city.
- Environment cleanliness.

### Sports and Physical Education:-

To encourage students for participation in various inter-college, university level, zonal level, state level and national level tournaments the college provides various facilities to the students. The college has 3 separate playgrounds of 3658 Sq. M., 994 Sq. M. and 162 Sq. M. respectively to facilitate the following events.

Kho-Kho	Handball	Running Track	Long Jump Pit	Cricket
Shot Put Ground	Disc Throw	Volley Ball	Kabaddi	Football

### Health Services and Insurance:-

The college has established Health Center in the college campus and a doctor is appointed for the health checkup. The provision of the First Aid Box is made available. The Institute has made arrangement for an accident insurance scheme for students. All the students admitted to the college have to fill the Vidyarthi Suraksha Yojana forms. Under this scheme students are charged Rs. 10 per year. The amount of Rs. 10,000 (Ten Thousand Only) is given to the family in case of accident or death of student.



## Extra Courses Conducted by the College:

### English Proficiency Course:

- Every Second Year student will do, a 45-50 clock hour course in *English Proficiency* designed and conducted by Maratha Vidya Prasarak Samaj's "Academy for Communication in English (ACE)". It aims at preparing students for better use of English language while communicating with others. Out of the total course fee of Rs.2000, every student will pay Rs.1000 for this course at the time of admission. Remaining Rs.1000/- per student will be paid by the college to ACE. It includes preparation for Spoken English, Resume Writing, Group Discussion, Personal Interview and Presentation Skills.

### Maharashtra State-Certificate in Information Technology (MS-CIT):-

- Every First Year student will undergo a computer training programme and appear for MSCIT course of *Maharashtra Knowledge Corporation Limited (MKCL)*. Students will have to pay actual MKCL Fee Rs 3350/- extra at the time of admission.

### Scholarship Schemes:

For students from reservation categories (SC, ST and NT/VJ Only) **Only Scheduled Caste (SC) and Scheduled Tribe (ST) students are eligible for Government Scholarship/Freeship for BSC (Com.Sci.), BCA, BBA and MSc (Comp.Sci.) courses**. Students from all other categories such as Nomadic Tribe (NT)/Vijatiya Jatis (VJ) and Other Backward Class (OBC) will have to pay full fees similar to open category students.

**All eligible students from reservation categories who take admission to first year BCA, BBA, BCom or BSc-Computer Science courses should register online first for Government Scholarship/Freeship by filling in seat-number of X<sup>th</sup> (SSC) examination. He/She should complete all the necessary formalities of applying for online application for the Government Scholarship/Freeship within one month from date of admission to the college. He must submit print of the online form along-with the following documents in the college:**

1. Attested copy of Leaving Certificate (LC)
2. Attested copy of Statement of Marks of X (SSC) Examination
3. Attested copy of Caste Certificate
4. Income Certificate in Original
5. Attested copy of Caste Verification



**Important Note:**

1. **Scheduled Caste (SC) and Scheduled Tribe (ST) students** who apply on line for Scholarship/Freeship, complete forms successfully and submit it in the college office with all the required documents attached need not pay Tuition, Laboratory fees etc. They should contact office superintendent in case of any difficulty.
2. Students from reservation categories will be given 4 days extra (beyond the last date of admission displayed on the notice board) to collect all the documents necessary to be attached to the form and complete all the necessary formalities.
3. **Eligible students from reservation categories**, who apply on line for Scholarship/Freeship and complete forms successfully and attach all the required documents, are exempted from paying Tuition Fee and Laboratory Fee
4. Those who fail to apply online for Scholarship/Freeship and submit print of online form along-with all the necessary documents and complete all the necessary formalities (within One month from the date of admission in the college) will have to pay all the fees like open category students.

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<b>Administrative Office Timings</b>	
<b>Morning Session</b>	10.30 To 13.00
<b>Lunch Break</b>	13.00 To 13.30
<b>Afternoon Session</b>	13.30 To 17.30
<b>College Timings</b>	
<b>Morning Session</b>	08.00 To 12.30
<b>Afternoon Session</b>	11.00 To 18.00





**Yuvaspandan Winners with Principal and Staff**



**National Service Scheme (NSS) Camp**



