



MARATHA VIDYA PRASARAK SAMAJ
KRT ARTS, BH COMMERCE AND AM SCIENCE
(KTHM) COLLEGE, NASHIK

PROSPECTUS

2022-2023

**NAAC RE-ACCREDITED "A++" GRADE COLLEGE
WITH CGPA 3.79**

**"COLLEGE WITH POTENTIAL FOR EXCELLENCE"
(THIRD PHASE) BY UGC, NEW DELHI**

UGC - PARAMARSH SCHEME

UGC - STRIDE SCHEME

IIC - INSTITUTE INNOVATION COUNCIL

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‘ई-कंटेंट’ निर्मितीसाठी ‘केटीएचएम’ला पारितोषिके

**विद्यापीठ कर्थापन
दिनाच्या कार्यक्रमात
आज होणार सन्मान**

म. टा. प्रतिनिधी, नाशिक

खविंबई फुले पुणे विद्यापीठामार्फत केटीएचएम महाविद्यालयाला तीन पुरस्कारे जाहीर करण्यात आले आहेत. आज, बुधवार (दि. १०) विद्यापीठाच्या ७२ व्या वर्धापन दिनानिमित्त आयोजित करण्यात आलेल्या कार्यक्रमात हे पुरस्कार प्रदान केले जाणार असल्याची माहिती महाविद्यालयामार्फत देण्यात आली.

विद्यापीठामार्फत केटीएचएम महाविद्यालयाला बेस्ट ई-कंटेंट निर्मितीसाठी डॉ. एच. जे. देसाई समूह पारितोषिके जाहीर करण्यात आले असून, २५ हजार रुपये रोख व चष्मा असे या पुरस्काराचे स्वल्प असणार

आहे. पाचसोबत डॉ. रामनाथ अंधळे यांना बेस्ट ई-कंटेंट कोऑर्डिनेटर, तर कॉचन बागुल यांना बेस्ट ई टीचर इन इन्फॉर्मेशन अशी तीन पारितोषिके जाहीर झाली आहेत. विद्यापीठ मुख्यालयामध्ये आज होणाऱ्या ७२ व्या वर्धापनदिन कार्यक्रमात ही पारितोषिके प्रदान केली जाणार असल्याची माहिती महाविद्यालयामार्फत देण्यात आली. कोव्हिडमुळे होणारे ऑनलाइन लेक्चर्स विद्यार्थ्यांच्या सोयीसाठी तयार करून देणारी विद्यापीठाची संलग्न ११० महाविद्यालयांमध्ये विटीओ ई-कंटेंटच्या निर्मितीसाठी स्टुडिओ उभारण्यात आले होते. ऑक्टोबरसुद्धा हा उपक्रम सुरू आहे. ‘केटीएचएम’मध्ये तीन स्टुडिओ उभारण्यात आले असून, अमोघ पोळे यांच्या मार्गदर्शनाखाली ११ वर्षांची टीम यासाठी कार्यरत आहे. या माध्यमातून नियमित झालेल्या ई-कंटेंटकडून महाविद्यालयाला पुरस्कार जाहीर करण्यात आला आहे.

“सुरुवातीला ई-कंटेंटच्या निर्मितीसाठी गुगल मीटचा उपयोग केला जात होता. त्यानंतर ‘सर्जिंग मॅनेजमेंट सिस्टीम’चा वापर सुरू करून या लेक्चर्सची निर्मिती करण्यात आली. एक मोठ्याल वापरण्यात आले. यासाठी शिक्षकांची तयारी योग्य असावी लागते. प्रत्येक लेक्चरनंतर विद्यार्थ्यांना प्रश्न सोडविणे बंधनकारक असते, त्याशिवाय दुसऱ्या लेक्चरचा त्याच त्याला मिळत नाही. याचा साथ अनेक विद्यार्थ्यांना होत आहे.

—डॉ. जी. पी. गावकवाड, प्राचार्य, केटीएचएम महाविद्यालय





Executive Council - 2017-2022

❖ Office Bearers of Executive Council ❖

President	:	Dr. Tushar Ramkrushna Shewale
Sabhapati	:	Shri. Manikrao Madhavrao Boraste
Upasabhapati	:	Shri. Ragho Kashiram Ahire
Sarchitnis	:	Smt. Nileematai Vasantrya Pawar
Chitnis	:	Dr. Sunil Uttamrao Dhikale

❖ Taluka Members of Executive Council ❖

Igatpuri	:	Shri. Bhausaheb Laxman Khatale
Kalwan	:	Shri. Ashok Rajaram Pawar
Chandwad	:	Shri. Uttam Ganpat Bhalerao
Dindori	:	Shri. Dattatray Ramchandra Patil
Nashik	:	Shri. Namdev Nabhaji Mahale
Niphad	:	Shri. Pralhad Dada Gadakh
Nandgaon	:	Shri. Dilip Raghunath Patil
Satana	:	Dr. Prashant Udaram Deore
Malegaon	:	Dr. Jayant Trambakrao Pawar
Yeola	:	Shri. Raybhan Gangadhar Kale
Sinnar	:	Shri. Hemant Vitthal Waje
Deola	:	Dr. Vishram Malji Nikam
Nashik (Gramin):	:	Shri. Sachin Panditrao Pingale

❖ Employee Members ❖

Jr. and Sr. College Teacher	:	Shri Nanasahab Trambak Date
Primary and High School Teacher	:	Shri. Gulabrao Murilidhar Bhamare
Primary and High School Teacher	:	Smt. Nanda Ashok Sonawane

Maratha Vidya Prasarak Samaj, Nashik

Shivaji Nagar, Gangapur Road,
Nashik – 422 002.

AT A GLANCE

Establishment	– 1914
Public Trust	– Regd. No. A – 436/1954
No. of Life Members (General)	– 10,342
No. of Life Members (Employee)	– 499
No. of Branches	– 486
No. of Students	– 2,13,182
No. of Employees	– 9521
Budget	– Approx. 784 Crore 51 Lakh (20-21)

❖ BRANCHES ❖

1) Preprimary School (Marathi Medium)	73	20) Printing Press	01
2) Preprimary School (English Medium)	14	21) I.T.I.	08
3) Primary School (Marathi Medium)	71	22) Medical College	01
4) Primary School (English Medium)	15	23) Medical College Hospital and Research Centre	01
5) Ashram School (Primary)	03	24) Hostels	24
6) Ashram School (Secondary)	02	25) Agriculture School	01
7) Secondary School (Marathi Medium)	159	26) School of Fine Art	01
8) Secondary School (English Medium)	07	27) Jan Shikshan Sansthan	01
9) Higher Secondary Schools	61	28) D. Pharmacy	01
10) D.Ed. College	04	29) Training College of Nursing	01
11) B.Ed. College	01	30) College of Engineering	01
12) Arts, Commerce and Science College	22	31) College of Agriculture	01
13) College of Pharmacy	01	32) College of Physiotherapy	01
14) College of Architecture	01	33) Law College	01
15) Bachelor of Design	01	34) College of Social Work	01
16) Nursing College	01	35) Polytechnic College	01
17) Management Institutes (I.M.R.T.)	01	36) Nagari Arogya Kendra	01
18) Training and Skill development Centre	01	37) Gramin Arogya Kendra	01
19) Competition Exam Guidance Centre	01	Total	486

SALIENT FEATURES OF K.T.H.M. COLLEGE

- ▶ NAAC Re-Accredited College of 'A++' Grade with CGPA 3.79
- ▶ Identified as College with Potential for excellence (2004) by UGC, New Delhi (Third Phase)
- ▶ Best College award of SPPU, Pune (2004-2005, 2017-18).
- ▶ DST FIST sponsored college
- ▶ MHRD sponsored Unnat Bharat Abhiyan-2018
- ▶ Internal Quality Assurance Cell.
- ▶ ATC and PTC Facility
- ▶ Energy Laboratory
- ▶ Rain-Water Harvesting
- ▶ A Separate Gymkhana for male and female students. 400 meter running track & spacious ground, various indoor & outdoor games & Gymnasium.
- ▶ Library fully computerised with bar code, internet facility & reprography facility.
- ▶ Boat Club - Unique facility for water sports in SPPU, Pune
- ▶ Computerised Language lab with Lattest software audio-video cell & separate recording room. Soft Skills Lab.
- ▶ Various forums for curricular & extra curricular activities.
- ▶ NCC for boys & girls (Army, Navy & Air wings).
- ▶ Thirteen Research Centres, Research Scholarship.
- ▶ Environment Lab., Weather station, Geographical Information System (GIS) Lab.
- ▶ Video production centre, Animation Lab.
- ▶ Career oriented courses, Certificate courses in foreign languages.
- ▶ Professional programmes at UG & PG level.
- ▶ Book Bank facility, Earn and Learn Scheme.
- ▶ Separate cell for coaching for competative exams.
- ▶ On line admissions, office automation.
- ▶ Counselling cell, Career guidance & Placement cell.
- ▶ Redemidal Courses & special coaching for academically advanced students.
- ▶ STD / ISD, XEROX centre & Canteen facilities.
- ▶ Bus pass concession centre.
- ▶ IGNOU & YCMOU study centre.
- ▶ The most preferred college by girl students.
- ▶ Soft Skills Development Cell
- ▶ Digital Language Lab
- ▶ E-learning portal : <https://kthmelearning.in>
- ▶ youtube channel : <https://www.youtube.com/c/kthmcollege> elearning
- ▶ Recipient of DBT STAR College Scheme
- ▶ UGC Paramarsh -2019
- ▶ UGC STRIDE - status 2019
- ▶ Central Instrumetation Facility.
- ▶ Virtual Larning Centre (VLC)
- ▶ Botanical Garden
- ▶ Health Centre.
- ▶ Students grievance & redressal cell.
- ▶ Wi-Fi enabled campus.
- ▶ 15 KWH Solar PV system
- ▶ Art Circle
- ▶ Human Library
- ▶ Green Gym

COLLEGE TIMING

Arts & Commerce : 7 a.m. to 12.30 p.m.
Science: 9.30 a.m. to 6.10 p.m.

COLLEGE OFFICE TIMING

Morning : 10.30 a.m. to Evening 5.45 p.m.
Lunch: 1.00 p.m. to 1.30 p.m.

LIBRARY TIMING

(All working days)
7.00 a.m. to 8.00p.m.

Sundays & Holidays

10.00 a.m. to 6.00 p.m.

During examination

7.00 a.m. to 10.00 p.m.

Human Library Timing

8.00 a.m. to 6.00 p.m.(Every Saturday)

PROSPECTUS COMMITTEE

Chairman : Dr. V. B. Gaikwad (Principal)

Members : Dr. M. N. Shelar
: Dr. N. D. Gaikwad
: Dr. R. P. Gunjal
: Dr. S. K. Marathe
: Dr. B. A. Shelar
: Smt. Susan Lawrencia
: Dr.Saurabh Khawale
: Dr.Aniruddha Bhagat
: Smt. Padmini Wagh
: Dr. Smt. Pallavi Yeolkar
: Mr. R.H. Sahane
: Mr. L. G. Satpute

Students are advised to visit the website of the college for more details www.kthmcollege.ac.in

➤ ***Vision:***

We aspire to be an excellent institute of higher education, ensuring environment conducive teaching, learning and research by supporting the efforts, qualities and skills of the students, grooming them into social responsible, globally competent and excellent human resource.

➤ ***Mission :***

To become a Centre of Excellence in Higher Education and to create an ambience in which innovative ideas and research flourish from which the leaders and innovators of tomorrow emerge.

➤ **Objectives:**

- To impart quality higher education
- To provide conducive teaching-learning environment
- To impart higher education to the socially and economically deprived classes of society
- To promote the use of ICT in teaching and learning
- To undertake continuous assessment of the students
- To undertake faculty and staff development programmes
- To develop research attitude among the students and teachers
- To ensure personal and professional growth of the students
- To enhance employability of the students by arranging training programmes in communication skills, personality development and arranging campus interviews
- To conduct examination in fair manner
- To inculcate environmental awareness, save and conserve nature
- To inculcate values like nation building, integrity, secularism and impart value based education
- To ensure secured learning environment for the girl students
- To maintain discipline on the college campus

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1. ABOUT MVP SAMAJ (THE PARENT INSTITUTE)

Maratha Vidya Prasarak Samaj (MVP) is 100 years old renowned educational institute in Maharashtra, state established in 1914. It was one of the greatest milestones in the pre-independence history of Nashik. The great visionaries of MVP Samaj rightly laid the "Well being & happiness of masses" as the motto for the samaj. The founders of the samaj were inspired and driven by the great work of Mahatma Jyotiba Phule and Rajarhi Shahu Chhatrapati of Kolhapur. The pioneers, devoted and dedicated team of MVP Samaj includes the names of great social workers and educationalists as Karmaveer Raosaheb Thorat, Bahusaheb Hiray, Annasaheb Murkute, Ganpatdada More, Kirtiwanrao Nimbalkar, D.R.Bhosale, Vithoba Patil Jadhav, Adv. Baburao Thakare, Adv. Vitthalrao Hande, Dr. Vasantarao Pawar. The MVP Samaj, Nashik is the 2nd largest educational Institute in Maharashtra.

The spectrum of educational institution encompasses Maratha Vidya Prasarak Samaj, Nashik is as follows: 166 High Schools & 86 Primary Schools, 39 College including, Arts, Science & Commerce, Medical, Engineering, Architecture, Agriculture, Law, Education, Management and ITI etc. The institute is having 225 Acres land, 250000 students are perusing different types of education under the able guidance of 10000 teaching and non-teaching staff. The students & professionals produced by the institutions of MVP Samaj form the real backbone of modern society.

ABOUT THE COLLEGE

Ours is amongst the most well-known college in the city. College is re-accredited at 'A++' level with CGPA 3.79 in third cycle of NAAC. The college is imparting quality education in 32 UG, 26 PG and 14 research centers in various departments. The College also awarded as BEST COLLEGE AWARD in 2004 and 2017 by Savitribai Phule Pune University.

The college has sophisticated Instrumentation centre having instruments such as GC-MS, HPLC, FTIR, VU-visible, AAS, spectro fluorimeter, TG-DTA etc. Virtual Learning Center (VLC), competitive examination center, tissue culture laboratory, weather station, air monitoring laboratory etc. The College is having 14 recognized research centers for Ph.D. and M.Phil and 187 students had obtained Ph.D. presently 165 students are working for Ph.D. and 72 students are working for M.Phil under the guidance of 77 research guides of our College. In 2019-20 UGC has sanctioned prestigious STRIDE project of Rs. 1 Crore and UGC-PARAMARSH scheme of Rs. 30 Lacs. In 2013-14 UGC, New Delhi, has sanctioned grant of Rs. 1.85 crore and in 2018-19 UGC sanctioned 1.70 Crore for B.Voc courses, also Rs. 80 lakhs to start community college.

The faculties published research papers in journal of high impact factors and present research papers in national and international conferences. Funding for research is generated from major and minor research projects of DST, CSIR, UGC and BCUD. The college is known for excellence and discipline cause, erected a pillar of Potential For Excellence in XIth and XIIth plan for special assistance. Outstanding funding of Rs. 200 lacs has been allotted in XIth plan

under CPE & BSR schemes of UGC, New Delhi. In 2012, the UGC has sanctioned Rs. 1.50 crore under CPE scheme to the college for creating and exploring infrastructure for Research and PG. In 2014 the college has received prestigious grant of Rs. 80 lacs from Department of Science and Technology (DST-FIST), New Delhi, and Rs. 80 lacs were sanctioned by DBT, under Star College Scheme. The college has unique boat club facilities in Maharashtra and playground for indoor & outdoor games.

During this short span the number of students has increased considerably & characteristically. The College has almost 59% of the students have been girl students. Vis-a-vis there's been growth in infrastructure-a large campus with Gymkhana, Auditorium, a large Playground, Boat club, Health center, well equipped Departments, Language Lab, Commerce Lab and Psychology Lab and experienced a qualified faculty.

The infrastructure increase has resulted in visible improvement in results. The percentage of overall passing, the number of university rankers and national -international sports persons is growing from year to year. Apart from looking after their academics the college also tries to inculcate among students a sense of social commitment through various research projects & co-curricular programmes, thus trying to reach out the masses in various ways. The college enrolment has already crossed the 17,000. The college has earned name & fame in its academic excellence, regularity and punctuality of its rigorous routine, high standard of discipline, administrative control & progressive outlook to serve the society. The college offers full-fledged degree in Arts, Humanities, Commerce, Science and Computer Science and Music. The college also provides facility for external students desirous of higher education and has established study centers of IGNOU (Indira Gandhi National Open University), YCMOU (Yashwantrao Chavan Maharashtra Open University) and Distance education center of S.P. Pune University. College is also established a satellite center in 2020-21 at Vadangali Tal Sinnar. The college takes pride in having an automated administration eager to welcome the modern era of 21st century. The college has an excellent & fully computerized library facility with well behaved & enthusiastic staff.

1. COLLEGE AT A GLANCE

Name	K.R.T. Arts, B.H. Commerce and A.M. Science (K.T.H.M.) College, Nashik
Established	June, 1969
Affiliation	Savitribai Phule Pune University, Pune, India
Campus Area	37 Acres
Built-up area across the campus	1,26,000sq.m.
Infrastructure	
Academic Buildings	06
Laboratories	73
Classrooms with ICT facilities	42
Classroom with Smartboards	09
Library Building area	882.57 sq.m.
Gymkhana Building area	1620 sq.m.
Play Grounds	02 (16025 sq. m.)
Boat Club area	596 sq. m. built up area, open space 8000 sq. m.
Weather Station area	57.825 sq.mts.
Botanical Garden area	5702 sq.m. (56 families belonging to 137 genera with 275 species)
Energy Laboratory area	160 sq. m.
Central Instrumentation Center	101.2 sq. m. (10 sophisticated instruments)
National Ambient Air Quality Monitoring Laboratory area	130 sq. m.
Real time air quality monitoring station	01 (19 parameters with digital display)
Video Production Studio	01 (06 cameras and studio master software)
Music Center	01 (25 Musical Instruments)
Auditorium	01 (AC hall, Capacity 700, with AV facilities)
Seminar Hall	08
Girls' Hostel	03 (Inmates : 320)
Boys' Hostel	02 (Inmates : 170)
Health Centre	01
Counseling Cell	01
Canteen	01
Academics	
Academic Streams	Arts, Commerce and Science and vocational
Academic Programs	UG : 32, PG : 26
New courses added in last five years	09 (UG, PG, Research, Diploma and Certificate Courses)
Recognized Research Centers	Ph.D.: 14., M.Phil: 10
Teachers	Full time: 224, Visiting Faculty: 72
Recognized Research Guides	77
Students enrolled (UG & PG)	9372
Research scholars	Ph.D.: 187 Awarded and 165 Registered

	M.Phil.: 47 Awarded and 72 Registered
Research publications in last five years (International & National)	998
Patents	05
Books Published	International: 13, National: 29, Text books:93
Research Projects (Major and Minor)	56
NET/SLET qualified	227 (Last Five Years)
Conference Organized	53 (International/ National/State/University)
Library Resources	Books: 113787, Journals: 105, e-Journals: J-Gate, e-books: N-list, audio books: 2000+, JAWS for five users
Information Resource Center	85 Terminals
Financial Assistance	
UGC Stride Project	Rs. 1 Crore
UGC -Paramrmarsh	Rs. 30,00,000
UGC-B.Voc	Rs. 1,70,00,000
UGC-CPE (2014-2019)	Rs. 1,50,00,000
UGC B.Voc.	Rs. 1,83,00,000
UGC major/minor Projects	Rs. 1,16,81,432
UGC Development Grant	Rs. 1,03,25,450
DST-FIST	Rs. 80,00,000
DBT-STAR (2014-2017)	Rs. 80,00,000
BCUD, SPPU, Pune	Rs. 76,53,340
UGC Community College	Rs. 79,30,000
INSPIRE/JRF/SRF Fellowship	Rs. 59,68,740
CSIR Major Project Grant	Rs. 66,59,067
DST Major Project	Rs. 21,41,700
Total Fund/Grant Received	Rs. 99459729
Revenue generated (consultancy)	Rs. 1,12,31,720
Financial assistance through different Scholarships to the students	Rs. 15,37,23,335 (in last five years)
Academic Achievements	
University Rank Holders	525
University First Rank Holders	32
University Gold Medal Recipients	09
Sports Achievements	
State level 'Shiv Chhatrapati Award' in Sports	08
University General Championship in sports of SPPU, Pune	8 times (Twice in Assessment Period)
International Player	04 (Badminton, Judo, Chess and Chess)
Sports All India Medals	24 Gold, 17 Silver, 40 Bronze

Awards and Recognitions	
Status of College with Potential for Excellence (CPE) UGC, New Delhi (Third Phase)	
'Best College Award' by Savitribai Phule Pune University, 2017, 2004	
JagarJaniwancha (Gender Sensitivity Programme) award of Rs. 50000 from Government of Maharashtra	
Best E-content creator College (2020-21) by S.P. Pune University	
Best E-content College Coordinator Award (2020-21) by S.P. Pune University	
Best E-content creator Faculty Award (Humanities) (2020-21) by S.P. Pune University	
Five NSS students are the recipient of 'Best Volunteer Award' by SPPU, Pune	
National Level Indira Gandhi NSS Award of cash prize Rs. 50,000 to Vinayak Rajguru from the Ministry of Youth Affairs and Sports, New Delhi	
The NSS unit of the college was adjudged twice as the 'Best Unit'	
NSS Programme Officer has been honoured with two awards including the Best NSS Officer by the SPPU, Pune	
NSS unit is also the recipient of Road Safety Award conferred by the State Ministry of Home Affairs, Govt. Of Maharashtra.	
The Board of Students Welfare unit of this college is the recipient the Best Unit of the District Award from the University	
The Programme Officer of this unit got the Best Students Welfare Officer Award	
1 st NAAC Accreditation	'A' Grade in 2003-2004
2 nd NAAC Re-accreditation	'A' Grade (CGPA: 3.30) in 2011-2012
3 rd NAAC Accreditation	"A++" Grade (CGPA : 3.79) in 2017
Participation	NIRF Ranking

2. COLLEGE CAMPUS

Name of Building / Place

Main Building - Principal, Vice Principal,

Administration Office and Language Lab and Departments.

Annexe I - Commerce Lab, Psychology Lab, Computer Labs and Departments

Annexe II - Depts. of Life Science, Computer Labs, VLC Seminar Hall

Annexe III - BBA, MJMC, Soft Skills Lab, Video Production

Annexe IV - MCVC

Annexe V - Auto skill

Library Building

Gymkhana Building

Principal's Residence

Raosaheb Thorat Hall (Auditorium)

Girls' Hostel - Old and New

Boys' Hostel - Old and New

Boat Club

Play Ground with Joggers' Track

Botanical Garden with Green House and Medicinal Plants

Research Centres in Marathi, English, Hindi, Economics, Commerce, Chemistry,

Geography, Mathematics, Environmental Science, Zoology, Botany, Physics, Microbiology and Electronic Science

Girls' Gymkhana Building

Raosaheb Thorat Hall Building – BVoc Departments

3. STUDENT STRENGTH INFORMATION 2021 - 22

Course Level	Boys	Girls	Total
UG Programme			
Arts	1433	983	2416
Commerce	1372	2107	3479
Science	1295	1510	2805
PG Programme			
Arts	295	346	641
Commerce	113	207	320
Science	210	695	905
Ph. D.	39	42	81
Certificate and Diploma courses	90	95	185
Grand Total	4847	5985	10832

Percentage of Girls : 55.25%

4. PROGRAMMES OFFERED :

Degree Programme at Under Graduate Level			Programme at Post-Graduate Level		
Arts	Science	Commerce	Arts	Science	Commerce
English Marathi Hindi Geography Psychology Sociology Music History Political Science Economics	Chemistry Botany Electronic Science Zoology Physics Geography Computer Science Statistics Environmental Science Biotechnology Microbiology Geology Mathematics Animation Nanoscience and Nanotechnology Computer Application (BCA) Cyber and Digital Science	B.Com. B.B.A.	English Marathi Hindi Geography Economics Sociology History Psychology Political Science MJMC	Organic Chemistry Analytical Chemistry Inorganic Chemistry Physics Electronic Science Botany Microbiology Bio-technology Environmental Science Biochemistry Zoology Mathematics Computer Science Statistics Computer Application (M.Sc. CA)	M.Com.

B. Voc. Programme

Printing Technology, Interior Design, Mass Media, Direct and Indirect Tax and Dramatics under National Skill Qualification Framework (UGC and MHRD)

Vocational Courses at Undergraduate level 1. B.Sc. (Electronic Science) Computer Hardware and Network Administration (CHNA) 2. B.A. (English) Functional English.

Certificate Courses

- | | |
|--|---|
| 1. French Language | 7. Strengthening Proficiency in English |
| 2. Japanese Language | 8. Video Production |
| 3. Geographical Information System | 9. Bamboo: Propagation and Management (STRIDE) |
| 4. Tourism | 10. Ethnobotany (STRIDE) |
| 5. CISCO Certified Network Associate | 11. Tissue Culture (UGC) |
| 6. Instrumental Techniques in Analytical Chemistry | 12. Rural Entrepreneurship Development (STRIDE) |
| 13. Yoga | 14. German |
| 15. Modi | 16. GIS and Remote Sensing |
| 17. Manav Vidhya | |
| 18. Chromatographic techniques for Designing Forensic and Industrial | |

Diploma Courses

- | | |
|---------------------------------|--|
| 1. Diploma in French Language | 4. Strengthening Proficiency in English |
| 2. Diploma in Japanese Language | 5. Instrumental Techniques in Analytical Chemistry |
| 3. Tourism | 6. Video Production |

PG Diploma Courses

1. Banking and Finance

Advanced Diploma Courses

1. Tourism
2. Strengthening Proficiency in English
3. Video Production
4. Instrumental Techniques in Analytical Chemistry

M. Voc. Programmes

1. Printing Technology 2. Interior Design

Community College Course

1. Analytical Techniques in Pharmaceuticals

2. UGC STRIDE Add-on Courses

Faculty: Science:

University authorities have been approved following courses under STRIDE scheme

Sr.No	Department	Level	Title of the Course	Credit
1	Biotechnology	UG	Food Biotechnology	2
2	Botany	UG	Bambu: Propagation and Management	2
3	Botany	UG	Ethnobotany	2
4	Zoology	UG	Vermitechnology	2
5	Geography	UG	Geoinformatics	2
6	Microbiology	UG	Malnutrition & Community Health	2
7	Statistics	UG/PG	Course in Data Analysis(Certificate Course)	4

Faculty: Humanities

University authorities have been approved following courses under STRIDE scheme

Sr.No	Department	Level	Title of the Course	Credit
1	Economics	PG	Social Audit and Accounting	2+2
2	History & Sociology	PG	Documenting Traditional Knowledge	2+2
3	Sociology	PG	The Methodology of Critical, and Qualitative Research (Certificate Course)	4

Faculty: Commerce and Management

University authorities have been approved following courses under STRIDE scheme

Sr.No	Department	Level	Title of the Course	Credit
1	BBA	UG	Rural Entrepreneurship Development	2

Recognised Research Centres

- | | | |
|---------------|-----------------|---------------------------|
| 1. Marathi | 5. Commerce | 9. Zoology |
| 2. English | 6. Chemistry | 10. Environmental Science |
| 3. Hindi | 7. Botany | 11. Microbiology |
| 4. Economics | 8. Physics | 12. Electronic Science |
| 13. Geography | 14. Mathematics | |

5. ADMISSION PROCEDURE :

1. Open any browser, Google Chrome is preferable.
2. Open college website <http://www.kthmcollege.ac.in/> and then click button "Admission for 2022-23" OR open website directly <https://mvperp.org>
3. Click on menu "Login Now" and select the option "student".
If you are already registered student, then select the option "Login". Enter Username, Password and continue.
If you are new student, then select the option "Registration" and you will get registration screen. Enter new username as email address and other details. Save login registration information. After registration login with the given new registered username and continue.
4. In Student Profile Form, if you are existing student of this college then enter Students URN No. and your Basic Details with Photo and Sign will be loaded automatically. If profile does not get loaded then your registered adhar number is wrong or not registered.
5. Enter all your basic details in the form. Click Next button and Enter your contact details.
Click Next Button and enter your Previous Qualification Details and Last Exam Details, then Save Profile.
6. Upload all documents that are applicable to you in Document Details form and then click Course Enrolment button.
7. On Merit and Admission Registration form, enter the Enrolment Details for which course you wish to take the admission. In this form, select the Taluka of Branch as Nashik and select the Admission Institute as KTHM College. Select appropriate section from the dropdown button as Senior or PG College whichever is applicable. Select the desired course.
8. In next form Enter your Bank Account Details, Annual Income, No. of Siblings etc.
9. Select appropriate Subjects of course for which you wish to take admission.
10. On Payment Gateway Menu, Select Admission Payment Gateway to pay your selected class fee.
11. After the payment, select the Payment History menu to print the Receipt of fee, which completes your admission process.

Cancellation of Admission and Refund of fees:

If the student cancels his admission after the starting of the course following procedure will be adopted for

refund of total fees (SPPU Pune University Ref. No. PGS/542 dt. 17/2/2011) :

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

6. PROGRAMMES OFFERED DETAILS:

Undergraduate Programmes

- ARTS FACULTY**

B.A. (Bachelor of Arts) : Three Years Undergraduate Program [2019 CBCS Pattern]

Credits: 132

Additional mandatory credits: 08

Total Credits: 140

Eligibility : 12th Arts/Commerce /Science or equivalent

The undergraduate program of the Arts faculty leads towards a degree of Bachelors in Arts (B.A.). This is a three years Choice Based Credit System (CBCS) full time course.

First Year Bachelor of Arts (FYBA): CBCS

	Subjects	Credits		Total Credits
		Semester 1	Semester 2	
A) Core Course	Compulsory English	03	03	06
B) Any one Language	1. Optional English 2. Marathi 3. Hindi	03 each	03 each	06 Credits
C) Any four Subjects	Economics Political Science Geography History/ Anthropology Psychology Sociology Music	03 each	03 each	24 Credits
	Total Credits:	18	18	36

Second Year Bachelor of Arts (SYBA): CBCS

	Subjects	Credits		Total Credits
		Semester 1	Semester 2	
A) Core Course	Compulsory English	03	03	06
B) Discipline Specific courses	Special paper – I (S-1) Special paper – II (S-2)	03 Credits foreach paper	03 Credits foreach paper	12 Credits
C) General Papers	Any three general papers to be continued from the subjects studied at FYBA	03 Credits foreach paper	03 Credits foreach paper	18 Credits
D) Skill Enhancement Course		02	02	04
Environmental Awareness		02	02	04
Modern Indian Languages (MIL)		02	02	04
	Total Credits:	24	24	48

Third Year Bachelor of Arts (TYBA):

	Subjects	Credits		Total Credits
		Semester 1	Semester 2	
A) Core Course	Compulsory English	03	03	06 Credits
B) Discipline Specific Courses	DSC - III DSC - IV	03 + 01 (Research project, field visit etc.) each	03 + 01 (Research project, field visit etc.) each	16 Credits
C) General Papers	Any three general papers to be continued from the subjects studied at FYBA	03 Credits for each paper	03 Credits for each paper	18 Credits
D) Skill Enhancement Course		02	02	04 Credits

E) Generic Elective Course (GE)	Compulsory Subject	02	02	04 Credits
	Total Credits:	24	24	48

Note : For details syllabus please refer SPPU website : www.unipune.ac.in

COMMERCE FACULTY

- ▶ Three years Undergraduate Programme.
- ▶ Credits : 126 Additional mandatory credits: 6
- ▶ Total Credits : 132 [Pattern 2019]

First Year Bachelor of Commerce (F.Y.B.Com.) CBCS Pattern

Eligibility : HSC or any other equivalent exam qualified

Semester - I			
Subject	No. of Courses		Credits
	Theory	Practical	
A. Compulsory/ Core Group Subjects:			
(Four Subjects)			
Compulsory English	3	--	3
Financial Accounting	3	1	4
Business Economics	3	--	3
Business Mathematics and Statistics OR Computer Concepts and Application	3	--	3
B. Optional Subjects: Any one from the following			
a) Organization Skill Development	3	--	3
b) Banking and Finance	3	--	3
c) Cooperation	3	--	3
C. Optional Subjects: Any one from the following			
a) Essentials of E-Commerce	3	--	3
b) Insurance & Transport	3	--	3
c) Marketing & Salesmanship	3	--	3
d) Consumer Protection and Business Ethics	3	--	3
e) Business Environment & Entrepreneurship	3	--	3
D. Students have to select any one of the following language			
a) Additional English	3	--	3
b) Additional Marathi	3	--	3
c) Additional Hindi	3	--	3
Suggested Add On courses			
Value added course - I	--	1	--
TOTAL	21	2	23

Semester - II			
Subject	No. of Courses		Credits
	Theory	Practical	
A. Compulsory/ Core Group Subjects:			
(Four Subjects)			
Compulsory English	3	--	3
Financial Accounting	3	1	4
Business Economics	3	--	3
Business Mathematics and Statistics OR Computer Concepts and Application	3	--	3
B. Optional Subjects: Any one from the following			
a) Organization Skill Development	3	--	3
b) Banking and Finance	3	--	3
c) Cooperation	3	--	3
C. Optional Subjects: Any one from the following			
a) Essentials of E-Commerce	3	--	3
b) Insurance & Transport	3	--	3
c) Marketing & Salesmanship	3	--	3
d) Consumer Protection and Business Ethics	3	--	3
e) Business Environment & Entrepreneurship	3	--	3
D. Students have to select any one of the following language			
a) Additional English	3	--	3
b) Additional Marathi	3	--	3
c) Additional Hindi	3	--	3
Suggested Add On courses			
Value added course-II	--	1	--
TOTAL	21	2	23

S.Y.B.Com.

Semester - III			
Subject A. Compulsory Subjects: (Five Subjects)	No. of Courses		Credit s
	Theory	Practical	
Business Communication	3	1	4
Corporate Accounting	3	--	3
Business Economics (Macro)	3	--	3
Business Management	3	--	3
Elements of Company Law	3	--	3
B. Special Subject to be selected from the following (Any one of the Following)			
Business Administration	3	1	4
Banking and Finance (Indian Banking System)	3	1	4
Co-operation and Rural Development	3	1	4
Cost and Works Accounting	3	1	4
Business Statistics	3	1	4
Business Entrepreneurship	3	1	4
Marketing Management	3	1	4
Insurance Transport and Tourism	3	1	4
Computer Programming and Application Course	3	1	4
Agricultural and Industrial Economics	3	1	4
TOTAL	18	2	20

Semester - IV			
Subject A. Compulsory Subjects: (Five Subjects)	No. of Courses		Credit s
	Theory	Practical	
Business Communication	3	1	4
Corporate Accounting	3	--	3
Business Economics (Macro)	3	--	3
Business Management	3	--	3
Elements of Company Law	3	--	3
B. Special Subject to be selected from the following (Any one of the Following)			
Business Administration	3	1	4
Banking and Finance (Indian Banking System)	3	1	4
Co-operation and Rural Development	3	1	4
Cost and Works Accounting	3	1	4
Business Statistics	3	1	4
Business Entrepreneurship	3	1	4
Marketing Management	3	1	4
Insurance Transport and Tourism	3	1	4
Computer Programming and Application Course	3	1	4
Agricultural and Industrial Economics	3	1	4
C. Compulsory Subject			
Environmental Awareness		2	
TOTAL	18	4	22

T.Y.B.Com.

Eligibility :- F. Y. B. Com. Passed in all subjects and S. Y. B. Com. Pass or passed with A.T.K.T.

Admission - Admission will be given to eligible candidate as per the norms laid down by the Savitribai Phule Pune University, Pune and rules and regulations in force at the time of admissions.

Medium :- The medium of instructions is English and Marathi.

Subjects :- Students have to select Six (6) subjects from the following

Semester - V				Semester - VI			
Subject A. Compulsory Subjects: (Four Subjects)	No. of Courses		Credits	Subject A. Compulsory Subjects: (Four Subjects)	No. of Courses		Credits
	Theory	Practical			Theory	Practical	
Business Regulatory Framework	3	-	3	Business Regulatory Framework	3	3	3
Advanced Accounting	3	--	3	Advanced Accounting	3	--	3
Indian & Global Economic Development	3	--	3	Indian & Global Economic Development	3	--	3
Auditing & Taxation	3	1	4	Business Management	3	1	4
B. The special subject selected at S. Y. B. Com., will be continued at T. Y. B. Com. Level as special papers II & III (Any one of the Following)				B. The special subject selected at S. Y. B. Com., will be continued at T. Y. B. Com. Level as special papers II & III (Any one of the Following)			
Business Administration	3	1	4	Business Administration	3	1	4
Banking and Finance (Indian Banking System)	3	1	4	Banking and Finance (Indian Banking System)	3	1	4
Co-operation and Rural Development	3	1	4	Co-operation and Rural Development	3	1	4
Cost and Works Accounting	3	1	4	Cost and Works Accounting	3	1	4
Business Statistics	3	1	4	Business Statistics	3	1	4
Business Entrepreneurship	3	1	4	Business Entrepreneurship	3	1	4
Marketing Management	3	1	4	Marketing Management	3	1	4
Insurance	3	1	4	Insurance	3	1	4
Transport and Tourism				Transport and Tourism			
Computer Programming and Application Course	3	1	4	Computer Programming and Application Course	3	1	4
Agricultural and Industrial	3	1	4	Agricultural and Industrial	3	1	4

Paper No. 5 & 6 are special papers. The special subject selected at S. Y. B. Com., will be continued at T.Y. B. Com. Level as special papers No. II & III. For both these special papers practical's are compulsory.

Internal Assessments for 30 Marks : There will be Continuous Assessment for each semester during the period of each semester for 30 marks. (Choice Based Credit System, 2019 Pattern) For T.Y.B.Com, there is practical for Auditing and Taxation carrying 20 marks Viva voce (oral exam) for T.Y.B.Com will be held by University before theory examination.

Practical's: There are Practical's in the following subjects carrying 20 marks for each subject and the viva voce (Oral) examinations will be held by University before theory exams.

There is Internship Programme for T.Y.B. Com. Special paper II & III and viva voce (oral exam) is conducted according to it.

BBA COURSE :

1. Introduction:

The degree shall be titled as Bachelor of Business Administration (B.B.A.) under the faculty of Commerce and Management. It is a choice based credit system (CBCS) pattern course

2. Objectives:

To develop precise understanding about business environment and organizations

To develop leadership aptitude among the students in order to work independently and in organized groups

To inculcate among the students the qualities of a dynamic manager, capable of taking various decisions and communicating effectively to different groups of people

To understand and gain knowledge of various financial institutions and agencies

3. Eligibility

- * 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.
- * Three Years Diploma Course after S.S.C. i.e. 10th Standard of Board of Technical Education conducted by Government of Maharashtra or its equivalent
- * Two Years Diploma in Pharmacy after H.S.C., of Board of Technical Education conducted by Government of Maharashtra or its equivalent.
- * MCVC

4. Admission Process: As per merit at H.S.C. or equivalent examination and norms of SPPU, Pune and the Govt. of Maharashtra

5. Subjects: students will have to undergo six subjects and one add on course per semester and the number of semester is six with English as medium of instruction.

6. Specialization Subjects - The student has to select one specialization subject in the Second Year and student will study eight papers -

Specialization Electives -Marketing, Finance, Human Resource, Agri Business and Services

7. Bridge Course: BBA is interdisciplinary program; bridge course is conducted to bridge the knowledge gap.

8. Choice Based Credit System (CBCS):

The CBCS provides an opportunity for the students to choose courses from prescribed curriculum comprising of core, elective/minor or skill based courses. The courses can be evaluated by a Grading System, which is considered to be better than the conventional marking system. Thus a uniform Grading System has become a necessity in the entire Higher Education field in India. This will benefit the students to move across institutions within India and across countries. This uniform grading system will also enable the potential employers to assess the performance of the candidates. The UGC has formulated

some guidelines in order to bring uniformity in the evaluation system and computation of the Cumulative Grade Point Average (CGPA) based on students' performance in examinations which are mentioned below:

Course: A "Course" is a component of programme, i.e. in the new system, papers will be referred to as courses. Each course is identified by a unique course code. While designing curriculum, courses can have defined weightages. These weightages are called as credits. Each course, in addition to having a syllabus, has learning objectives and outcomes. A course may be designed to comprise lectures/ tutorials/ laboratory work/ field work/ project work/vocational training /viva-voce etc. or a combination of some /any of these.

Credit: The definition of "Credits" can be based on various parameters. These may be the learning hours put in, learning outcomes and contact hours, the quantum of content/syllabus prescribed for the course. The credit system requires that a student progresses in the academic programmes not in terms of time (years or semesters), but in terms of courses.

9. Scheme of Credits - GC- General Core, SC-Subject Core , DSE - Discipline Specific elective, AECC - Ability Enhancement Compulsory Courses , SEC- Skill Enhancement Courses.

Total - 132 Credits for Three years Programme

Sr. no	Semester	CC-Credit	DSC-Credit	CCT-Credit	AECC-Credit	SEC-Credit	Lecture +project +add on course Total Credit
1	I	4*3=12		2*4=8		2*2=4	12+8+2=22
2	II	4*3=12		2*4=8			12+8+2=22
3	III	4*3=12	2*4=8		1*2=2		12+8+2=22
4	IV	4*3=12	2*4=8			1*2=2	12+8+2=22
5	V	4*3=12	2*5=10				12+10=22
6	VI	4*3=12	2*5=10				12+10=22
Total		72	36	16	2	6	72+36+16+2+9=132

Discipline Specific Elective (DSE) - Specialization - 1. Marketing, 2. Finance, 3. Human Resource 4. Services 5. Agri Business Management

Syllabus

First Year B.B.A. Semester I (CBCS 2019 pattern)			
Course Code	Course Title	Credit	Core Course
101	Principles of Management	3	GC
102	Business Communication Skills	4	SC
103	Business Accounting	3	GC
104	Business Economics- Micro	3	GC
105	Business Mathematics	3	GC
106	Business Demography	4	SC
	Skill Enhancement Courses	2	SEC
First Year B.B.A. Semester II (CBCS 2019 pattern)			
Course Code	Course Title	Credit	Core Course
201	Business Organization and System	3	SC
202	Principles of Marketing	4	GC
203	Principles of Finance	3	GC
204	Basics of Cost Accounting	3	GC
205	Business Statistics	3	GC
206	Fundamentals of Computers	4	SC
	Skill Enhancement Courses	2	SEC
	Democracy Election and Governance	2	

Second Year B.B.A. Semester III (CBCS 2019 pattern)			
Course Code	Course Title	Credit	Core Course
301	Principles of Human Resource Management	3	GC
302	Supply Chain Management	3	GC
303	Global Competencies & Personality development	3	GC
304	Fundamentals of Rural Development	3	GC
305	DSE	4	DSE
306	DSE	4	DSE
	Environmental Awareness (Basic)	2	SEC
Second Year B.B.A. Semester IV (CBCS 2019 pattern)			
Course Code	Course Title	Credit	Core Course
401	Entrepreneurship and Small Business management	3	GC
402	Productions and Operations Management	3	GC
403	Decision Making and Risk Management	3	GC
404	International Business Management	3	GC
405	DSE	4	DSE
406	DSE	4	DSE
	Skill Enhancement Courses	2	SEC
Third Year B.B.A. Semester V (CBCS 2019 pattern)			
Course Code	Course Title	Credit	Core Course
501	Research Methodology	3	GC
502	Database Administration and Data Mining	3	GC
503	Business Ethics	3	GC
504	Management of Corporate Social Responsibility	3	GC
505	DSE	4	DSE
506	DSE	4	DSE
	Skill Enhancement Courses	2	SEC
Third Year B.B.A. Semester VI (CBCS 2019 pattern)			
Course Code	Course Title	Credit	Core Course
601	Essentials of E - Commerce	3	GC
602	Management Information System	3	GC
603	Business Project Management	3	GC
604	Management Of Innovations & Sustainability	3	GC
605	DSE	4	DSE
606	DSE	4	DSE
	Skill Enhancement Courses	2	SEC

SCIENCE FACULTY :

B.Sc. (Bachelor of Science)

* Proposed Choice Based Credit System from June 2019-20

Structure of Choice Based Credit System for Undergraduates Science Programme to be implemented from Academic Year 2019-20										
Seme-ster	Discipline Specific Core Courses (CC)		Ability Enhancement Compulsory Courses (AECC)		Discipline Specific Elective Courses (DSEC)		Skill Enhancement Courses (SEC)		Total Credit	
	Course	Theory 1 + Theory 2 + Practical Credit	Course	Theory + Practical Credit	Course	Theory 1 + Theory 2 + Practical Credit	Course	Theory + Practical Credit		
I	CC - I	2 + 2 + 1.5 = 5.5	-	-	-	-	-	-	22	
	CC - II	2 + 2 + 1.5 = 5.5								
	CC - III	2 + 2 + 1.5 = 5.5								
	CC - IV	2 + 2 + 1.5 = 5.5								
II	CC - V	2 + 2 + 1.5 = 5.5	-	-	-	-	-	-	22	
	CC - VI	2 + 2 + 1.5 = 5.5								
	CC - VII	2 + 2 + 1.5 = 5.5								
	CC - VIII	2 + 2 + 1.5 = 5.5								
III	CC - IX	2 + 2 + 2 = 6	AECC - I (Environment)	2 + 0 = 2	-	-	-	-	22	
	CC - X	2 + 2 + 2 = 6	AECC - II (Language Communication)	2 + 0 = 2						
	CC - XI	2 + 2 + 2 = 6								
IV	CC - XII	2 + 2 + 2 = 6	AECC - III (Environment)	2 + 0 = 2	-	-	-	-	22	
	CC - XIII	2 + 2 + 2 = 6	AECC - IV (Language Communication)	2 + 0 = 2						
	CC - XIV	2 + 2 + 2 = 6								
V	-	-	-	-	DSEC - I	2 + 2 + 2 = 6	SEC - I	0 + 2 = 2	22	
					DSEC - II	2 + 2 + 2 = 6	SEC - II	0 + 2 = 2		
					DSEC - III	2 + 2 + 2 = 6	-	-		
V	-	-	-	-	DSEC - IV	2 + 2 + 2 = 6	SEC - III	0 + 2 = 2	22	
					DSEC - V	2 + 2 + 2 = 6	SEC - IV	0 + 2 = 2		
					DSEC - VI	2 + 2 + 2 = 6	-	-		
					Total Credit					132

* F.Y.B.Sc. Sem-II - Democracy Election and Governance
2 Credits

In addition to the compulsory credits of 132, the student has to earn additional 8 credits from following groups by taking/participating/conducting respective activities.

Courses in Group I are compulsory.

The student can earn maximum **04 credits from an individual group from Group 2 to Group -9. These extra credits will not be considered for GPA calculation**, however these are mandatory for the completion and award of B. Sc. Degree.

Group 1 : Physical Education (at F. Y. B. Sc. Sem. I) -01 credit

Physical Education (at F. Y. B. Sc. Sem. II) - 01 credit

(Note: Group I is compulsory for all the students as stated above.)

Group 2 : Sport representation at College level - 01 credit

Sport representation at University/State level - 02 credits

Group 3 : National Social Service Scheme (participation in Camp): 01 credits

N.C.C. (with participation in annual camp) -01 credit

N. C. C. (with B certificate/C certificate award)- 02 credits

N.S.S./N.C.C. Republic day parade participation - 04 credits

Group 4 : Avishkar participation; Extension activity participation, Cultural activity participation -01 credit

Avishkar selection at University level - 02 credits

Avishkar winner at state level - 04 credits

Group 5 : Research paper presentation at State/National level - 01 credits

Research paper presentation at International level - 02 credits

Group 6 : Participation in Summer school/programme; Short term course (not less than I-week duration) - 03 credit.

Group 7 : Scientific Survey, Societal survey, - 02 credits.

Group 8 : Field Visits / Study Tours / Industrial Visits /Participation in curricular / co-curricular competitions- 01 Credit.(only one credit from this group)

Group 9 : Online certificate Courses /MOOC Courses/ Career Advancement Course up to 04 credits (Minimum 10 Hrs. / credit)

For First year: Student has to select 4 different subject among the subjects offered by the College Institute.

For Second year: Student has to select 3 different subject among 4 subject chosen in first year

For Third year: Student has to select only 1 subject among the 3 subject opted in second year

CGPA will be calculated on the basis of core 132 credits only

Each theory credit is equivalent to 15 clock hours of teaching and Each practical credit is equivalent to 30 clock hours of teaching in a semester

Exam pattern: University assessment 70 % and continuous internal assessment 30 %.

For Internal examination minimum two tests per paper of which one has to be written test 10 marks

Methods of assessment for Internal exams: Seminars, Viva-voce, Projects, Surveys, Field visits, Tutorials, Assignment, Group Discussion

F.Y.B.Sc.

Eligibility : H.S.C. or equivalent examination in Science Faculty

Admission : As per merit at H.S.C. or equivalent examination, norms of SPPU and the Govt. of Maharashtra.

Students have to opt four courses. They have to choose any one group of 4 subjects from following options.

- A-1) Mathematics, Physics, Electronic Science, Chemistry
- A-2) Mathematics, Physics, Electronic Science, Computer Hardware
- A-3) Physics, Chemistry, Electronic Science, Nano-Science
- A-4) Mathematics, Physics, Chemistry, Nano-Science
- A-5) Mathematics, Physics, Chemistry, Geology
- A-6) Mathematics, Physics, Chemistry, Geography
- A-7) Statistics, Mathematics, Physics, Electronic Science
- A-8) Statistics, Mathematics, Physics, Chemistry
- A-9) Statistics, Mathematics, Physics, Geology
- B-1) Chemistry, Botany, Zoology, Microbiology
- B-2) Chemistry, Zoology, Geography, Microbiology
- B-3) Chemistry, Botany, EVS, Microbiology
- B-4) Chemistry, Zoology, EVS, Microbiology
- B-5) Chemistry, Botany, Zoology, EVS
- B-6) Chemistry, Botany, Zoology, Geography
- B-7) Chemistry, Botany, Zoology, Physics
- B-8) Chemistry, Botany, Zoology, Geology

N.B. :

- i) 50% Students will be admitted to groups A and B each.
- ii) Students will be admitted to the subjects as per merit and intake capacity of the subjects. Choices given in admission form do not guarantee admission to the same subject/s.
- iii) For CHNA only students will be admitted on merit basis. Extra fee Rs. 1000/- will be charged from these students. This subject will continue for S.Y. B.Sc.
- iv) For Microbiology only 90 students will be admitted on merit basis and screening test.
- v) For admission Adhar card is compulsory.

S.Y.B.Sc.

Eligibility : As per circular No. 93, 94 / 2020 dated 16/5/2020 (SPPU)

Students have to opt five subjects from following.

- C1. Compulsory course in Environmental Awareness
- C2. Any one language from
English, Marathi and Hindi.

NB : There will be oral test in languages at the end of both the semesters

C-3 Any one group of three subjects out of the four subjects offered at F.Y. B.Sc.

- A-1) Mathematics, Physics, Electronic Science.
 - A-2) Mathematics, Physics, CHNA
 - A-3) Mathematics, Electronic Science, CHNA
 - A-4) Mathematics, Physics, Statistics.
 - A-5) Mathematics, Physics, Chemistry.
 - A-6) Mathematics, Chemistry, Statistics.
 - A-7) Physics, Electronic Science, Chemistry
 - A-8) Physics, Electronic Science, CHNA
 - A-9) Physics, Electronic Science, Nano-Science
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- A-10) Physics, Chemistry, Nano-Science
 - A-11) Mathematics, Physics, Nano-Science
 - A-12) Mathematics, Statistics, Geology
 - A-13) Mathematics, Chemistry, Geology
 - A-14) Chemistry, Botany, Physics
 - B-1) Botany, Zoology, Chemistry
 - B-2) Botany, Zoology, Microbiology
 - B-3) Botany, Zoology, Geography
 - B-4) Botany, Microbiology, Chemistry
 - B-5) Zoology, Microbiology, Chemistry.
 - B-6) Geography, Chemistry, Zoology
 - B-7) Geography, Chemistry, Botany
 - B-8) Zoology, Chemistry, EVS
 - B-9) Botany, Zoology, EVS
 - B-10) Botany, Microbiology, EVS
 - B-11) Zoology, Botany, Geology
 - B-12) Zoology, Chemistry, Geology
 - B-13) Botany, Chemistry, Geology

NB : 48 students will be admitted to Microbiology on merit basis.

T.Y.B.Sc. (As per circular No. 93, 94 / 2020 dated 16/5/2020 (SPPU))

Eligibility: F.Y.B.Sc. passed and S.Y.B.Sc. passed or having A.T.K.T. at S.Y.B.Sc. Student have to select any one out of three subjects offered at S.Y.B.Sc. as principal subject. The principal subjects available in the college are :-

- | | | | |
|-----------------------|-----------------|----------------|---------------------------|
| 1) Chemistry | 2) Physics | 3) Mathematics | 4) Statistics |
| 5) Electronic science | 6) Nano-Science | 7) Zoology | 8) Botany |
| 9) Microbiology | 10) Geography | 11) Geology | 12) Environmental Science |

N.B. :

- i) Students will be admitted to special subject on merit basis.
- ii) Intake capacity of departments is limited.
- iii) Options given in the form do not guarantee admission to the same subject.
- iv) 24 students will be admitted to Microbiology on merit basis.
- v) Students passing B.Sc. (Computer Science) are eligible for T.Y.B.Sc. Electronic Science.

Note : For details syllabus please refer SPPU website : www.unipune.ac.in

B.Sc. (COMPUTER SCIENCE) :

- ▶ Three years Undergraduate Programme.
- ▶ Credits: 132 Additional mandatory credits: 8
- ▶ Total Credits: 140 [Pattern 2019]
- ▶ Eligibility : 12th Science with mathematics or equivalent

First Year B.Sc. Computer Science(Pattern 2019)

Semester - I			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Sci	2	1	5.5
Electronics	2	1	5.5
Mathematics	2	1	5.5
Statistics	2	1	5.5
TOTAL	8	4	22

Semester - II			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Sci	2	1	5.5
Electronics	2	1	5.5
Mathematics	2	1	5.5
Statistics	2	1	5.5
TOTAL	8	4	22

Sem - II - Democracy Election and Governance - 2 Credit

Second Year B.Sc. Computer Science(Pattern 2019)

Semester - III			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Sci	2	1	6
Electronics	2	1	6
Mathematics	2	1	6
Env. Science	1	-	2
English	1	-	2
TOTAL	8	4	22

Semester - IV			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Sci	2	1	6
Electronics	2	1	6
Mathematics	2	1	6
Env. Science	1	-	2
English	1	-	2
TOTAL	8	4	22

Third Year B.Sc. Computer Science(Pattern 2019)

Semester - III			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Science			
Discipline Specific Elective Courses (DSEC)	6	3	18
Skill Enhancement Courses (SEC)	2	-	04
TOTAL	8	3	22

Semester - IV			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Science			
Discipline Specific Elective Courses (DSEC)	6	3	18
Skill Enhancement Courses (SEC)	2	-	04
TOTAL	8	3	22

B.C.A. (Science) [Bachelor of Computer Application]

- Three years Undergraduate Programme.
- Credits: 132 Additional mandatory credits: 8
- Total Credits: 140 [Pattern-2019]
- Eligibility: 12th Science or equivalent
- **First Year B.C.A. Science (Pattern 2019)**

Semester - I			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Sci	2	2	11
Mathematics	1	1	5.5
Busi.Commu.	1	1	5.5
TOTAL	4	4	22

Semester - II			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Sci	3	3	16.5
Electronics	1	1	5.5
TOTAL	8	4	22

- **Second Year B.C.A. Science (Pattern 2019)**

Semester - III			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Sci	3	3	18
Env. Science	1	-	2
English	1	-	2
TOTAL	5	3	22

Semester - IV			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Sci	3	3	18
Env. Science	1	-	2
English	1	-	2
TOTAL	5	3	22

- **Third Year B.C.A. Science (Pattern 2019)**

Semester - III			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Science Discipline Specific Elective Courses (DSEC)	3	3	18
Skill Enhancement Courses (SEC)	2	-	04
TOTAL	5	3	22

Semester - IV			
Subject	No. of Courses		Credits
	Theory	Practical	
Computer Science Discipline Specific Elective Courses (DSEC)	3	3	18
Skill Enhancement Courses (SEC)	2	-	04
TOTAL	5	3	22

B.Sc. Animation

This course is launched by University of Pune from the academic year 2012-13. Our college started this course in the same academic year. It is 3 years integrated course. This course covers the practical approach to become animation professionals.

Eligibility : XII Science or equivalent exam passed.

Admission : Admission will be given to the first year B.Sc. (Animation) full time course on the basis of merit at H.S.C. exam marks, norms, rules and regulations of Savitribai Phule Pune University and directives given by Government of Maharashtra from time to time.

F.Y. B. Sc. ANIMATION	
SEMESTER 1	
COURSE CODE	COURSE
ANM101	BASICS OF ANIMATION
ANM102	FOUNDATION OF ART
ANM103	INTRODUCTION TO DIGITAL GRAPHICS - IMAGE EDITING (VECTOR)
ANM104	INTRODUCTION TO PROGRAMMING LANGUAGES
ANM105	FOUNDATION OF ART (SKETCHING)&FLIPBOOK ANIMATION
ANM106	INTRODUCTION TO DIGITAL GRAPHICS - IMAGE EDITING (VECTOR)
ANM107	PROGRAMMING WITH C
ANM108	3D VISUALIZATION(3DS MAX)

SEMESTER 2	
COURSECODE	COURSE
ANM201	DIGITAL PHOTOGRAPHY & FILMMAKING FUNDAMENTALS
ANM202	ELEMENTS OF INFORMATION TECHNOLOGY
ANM203	INTRODUCTION TO 2D ANIMATION
ANM204	3D ANIMATION -I (MAYA)
ANM205	DIGITAL PHOTOGRAPHY & FILMMAKING PRACTICALS
ANM206	IMAGE EDITING
ANM207	2D ANIMATION (ADOBE ANIMATE)
ANM208	3D ANIMATION -I (MAYA)
S.Y. B. Sc. ANIMATION	
SEMESTER 3	
COURSECODE	COURSE
ANM301	3D PRODUCTION-II (MAYA)
ANM302	ANIMATION TECHNIQUE
ANM303	PRODUCTION PROCESS
ANM304	WEB TECHNOLOGY WITH HTML & CSS
ANM305	3D PRODUCTION-II (MAYA)
ANM306	ANIMATION TECHNIQUE
ANM307	PRODUCTION PROCESS
	ENVIRONMENTAL SCIENCE-I
	LANGUAGE COMMUNICATION -I

SEMESTER 4

COURSE CODE	COURSE
ANM401	AR/VR TECHNIQUES
ANM402	3D SCULPTING TOOLS & TECHNIQUES (Z BRUSH)
ANM403	GAME DESIGN (BLENDER)
ANM404	AR/VR TECHNIQUES
ANM405	3D SCULPTING TOOLS & TECHNIQUES (Z BRUSH)
ANM406	GAME DESIGN (BLENDER)
ANM407	MOTION GRAPHICS (ADOBE AFTEREFFECTS)
	ENVIRONMENTAL SCIENCE-II
	LANGUAGE COMMUNICATION -II

T.Y. B. Sc. ANIMATION**SEMESTER 5**

COURSE CODE	COURSE
ANM501	VFX (NUKE)
ANM502	GAME PRODUCTION (UNITY)
ANM503	UI & UX DESIGN
ANM504	CHARACTER ANIMATION
ANM505	VFX (NUKE)
ANM506	GAME PRODUCTION (UNITY)
ANM507	UI & UX DESIGN
ANM508	DIGITAL EDITING (ADOBE PREMIER)

T.Y. B. Sc. ANIMATION**SEMESTER 6**

COURSE CODE	COURSE
ANM601	IPR & CYBER SECURITY
ANM602	NEW MEDIA
ANM603	WHITE BOARD AND EXPLAINER VIDEO ANIMATION
ANM604	BASICS OF MARKETING, MANAGEMENT & PORTFOLIO DEVELOPMENT
ANM605	SHOWREEL
ANM606	SHOWREEL
ANM607	INTERNSHIP
ANM608	INTERNSHIP

B.Sc. BIOTECHNOLOGY

Department of Biotechnology was established in 2004 and the PG course was started in 2008. In Nashik district, ours is the only department which offers PG course in Biotechnology at K.T.H.M. college. Savitribai Phule Pune University has sanction 2 credit - Food Biotechnology course under “STRIDE Scheme”.

- Three years Undergraduate Programme.
- Credits: 132 Additional mandatory credits: 8
- Total Credits : 140 [Pattern 2019]
- Eligibility : 12th Science with Biology as a compulsory subject.

First Year B.Sc. Biotechnology (Pattern 2019)

Semester - I			
Subject	No. of Courses		Credits
	Theory	Practical	
Biotechnology	8	4	22

Semester – II			
Subject	No. of Courses		Credits
	Theory	Practical	
Biotechnology	8	4	22

Sem - II - Democracy Election and Governance - 2 Credit

Second Year BIOTECHNOLOGY

Semester - III			
Subject	No. of Courses		Credits
	Theory	Practical	
Biotechnology	8	3	22

Semester – IV			
Subject	No. of Courses		Credits
	Theory	Practical	
Biotechnology	8	3	22

Third Year BIOTECHNOLOGY

Semester – V			
Subject	No. of Course		Credits
	Theory	Practicals	
Biotechnology	8	3	22

Semester – VI			
Subject	No. of Course		Credits
	Theory	Practicals	
Biotechnology	7	3	22

B.VOC. FACULTY

B. Voc. in Dramatics

Eligibility :

1. The eligibility condition for admission to B.Voc. Programme shall be 10+2 or equivalent, in any stream from any recognized board or university.
2. The candidate with 10+2 year or ITI/ Agree course in any branch is eligible for the course.

Awards		Normal Calendar Duration	Skill Component Credits	General Education Credits
Year 1	Diploma in Dramatics	Two Semester	36	24
Year 2	Advanced Diploma in Dramatics	Four Semester	36	24
Year 3	B. Voc. in Dramatics	Six Semester	36	24
		Total	108	72

Program Structure :

The three year B. Voc. Course (full time) has a specific feature of multi point entry and multi point exit provision. After completing one year of course, if any student desire to leave he/she will be awarded Diploma, subject to the condition of earning the required credit points. Similarly after completing the second year he/she will be awarded Advance Diploma and once the candidate completes the third year candidate will be awarded the degree of Bachelor of Vocational (Dramatics). If any student desires to take admission to some other university, at any other stage i.e., on completing first year, he/she may take admission to second year in same branch. Similarly, on completing the second year, one can take admission to third year.

Program Outcome :

On first year students shall have the knowledge of the subject on theatrical elements. On completion the first year students shall have the skill of basic performing on stage and they will reach the level of Diploma in Dramatics.

On second year students shall learn the subject on Music, Make-up and other crucial elements of stage and will reach the level of Advance Diploma in Dramatics.

On third year students shall learn the subject on Directing a play and building up the character and candidate will be awarded Bachelor of Vocation Degree in Dramatics.

Semester I			
Subject	No. of Course		Credits
	Theory	Practical	
Introduction To Dramatics	4	6	10
Rhetoric of Speech	4	6	10
Acting Basics	4	6	10
Total	12	18	30

Semester II			
Subject	No. of Course		Credits
	Theory	Practical	
Script Writing Basics	4	6	10
Direction Theory	4	6	10
Building up of the Character	4	6	10
Total	12	18	30

Semester III			
Subject	No. of Course		Credits
	Theory	Practical	
Setting Theory	4	6	10
Lighting Theory	4	6	10
Costume Theory	4	6	10
Total	12	18	30

Semester IV			
Subject	No. of Course		Credits
	Theory	Practical	
Make-up Basics	4	6	10
Music dor a Play	4	6	10
Properties Basics	4	6	10
Total	12	18	30

Semester V			
Subject	No. of Course		Credits
	Theory	Practical	
Indian Classical Drama (Intermediate Level)	4	6	10
Production & Direction	4	6	10
Modern Indian Theatre	4	6	10
Total	12	18	30

Semester VI			
Subject	No. of Course		Credits
	Theory	Practical	
Indian Classical Drama (Advance Level)	18		18
Project Work		12	12
Total	18	12	30

Tie Up with active industry

100% job oriented

Affiliated to Savitribai Phule Pune University

UGC Approved course.

B.VOC DIRECT TAX and INDIRECT TAX

▶ Three years Undergraduate Programme.

▶ Credits per year : 60&Total credits : 180

▶ Eligibility criteria: 10+2 or equivalent, in any stream from any recognized board or university.

Eligibility: -

1. The eligibility condition for admission to B.Voc. Programme shall be 10+2 or equivalent, in any stream from any recognized board or university.
2. The candidate with 10+2 year course in any branch is eligible for the course.

FEATURES : -

1. **Aim :** B.Voc. (Direct-Indirect Tax) Course is to **generate professional Direct-Indirect Tax Consultant**, who are able to apply skills in interpreting and developing projects in the different specialist areas of Financial Accounting, Cost Accounting, Financial Management, Corporate Laws, Mercantile Laws, Direct Tax, Indirect Tax, etc.
2. **Objectives :** The objectives of Direct-Indirect Tax course will enable student to
 - Become entrepreneur and work freelance (self-employed), by offering consultancy services directly to individual or structured clients.
 - Investigate other opportunities for employment including the followings
 - a. Design Accounting, Costing, Tax systems for the Clients
 - b. Advise clientele & providing shopping services in specialised areas
 - c. Work with manufacturers, Traders, Service providers, etc. to help clients plan their finance effectively.
 - d. Direct-Indirect Tax and Accounting practices may also hire to work alongside more senior personnel.
3. The duration of the B.Voc. Course will be of **Three Years.**
 - B.Voc. Part I - Diploma in Direct-Indirect Tax
 - B.Voc. Part II - Advanced Diploma in Direct-Indirect Tax
 - B.Voc. Part III - Bachelor of Vocation in Direct-Indirect Tax
4. Multiple point entry and exit provision after every year.
5. If any students desire to takes admission in other university, at any other stage i.e. on completing first year he/she may take admission to second year in same branch. Similarly, on completing the second year one can take admission to third year.

FACILITIES-

Main Library : contains reference book, journals and E-books

Departmental Library : department is having separate library for teachers and students (Magazines, E-library, reference book etc.)

Computer Lab : 25 computers with internet facilities, various Software and utilities.

Hostel: Accommodation is available in college campus.

FIRST YEAR B.VOC DIRECT-INDIRECT TAX (PATTERN 2020)

SEMESTER - 1

SEMESTER – 1 THEORY		
Paper Number	Title of Theory Paper (For Semester I)	Total Marks
DTIDT1001T	Business Communication and Soft Skills	100
DTIDT1002T	Fundamentals of Economics	100
DTIDT1003T	Mercantile Law & Ethics	100
TOTAL		300

SEMESTER – 1 PRACTICAL		
Paper Number	Title of Theory Paper (For Semester I)	Total Marks
DTIDT1004P	Direct Tax Framework	150
DTIDT1005P	Computer Applications in Accounting	150
DTIDT1006P	Fundamentals of Bookkeeping and Accounting	150
TOTAL		450

SEMESTER - 2

SEMESTER – 2 THEORY		
Paper Number	Title of Theory Paper (For Semester II)	Total Marks
DTIDT1007T	Business and Commercial Knowledge	100
DTIDT1008T	Fundamentals of Banking Practices	100
DTIDT1009T	Mercantile& Allied Law	100
TOTAL		300

SEMESTER – 2 PRACTICAL		
Paper Number	Title of Theory Paper (For Semester II)	Total Marks
DDTIDT1010P	Direct Tax Practical	150
DTIDT1011P	Financial Accounting & Computerised Accounting	150
DTIDT1012P	Cost & Management Accounting	150
TOTAL		450

SECOND YEAR B.VOC DIRECT-INDIRECT TAX (PATTERN 2020)
SEMESTER - 3

SEMESTER – 3 THEORY		
Paper Number	Title of Theory Paper (For Semester III)	Total Marks
DTIDT2001T	Business Communication and Professional Skills	100
DTIDT2002T	Cost & Management Accounting	100
DTIDT2003T	Company & Allied Law	100
TOTAL		300

SEMESTER – 3 PRACTICAL		
Paper Number	Title of Theory Paper (For Semester III)	Total Marks
DTIDT2004P	Direct Tax – Income Tax	150
DTIDT2005P	Business Accounting	150
DTIDT2006P	Indirect Taxation Framework	150
TOTAL		450

SEMESTER - 4

SEMESTER – 4 THEORY		
Paper Number	Title of Theory Paper (For Semester IV)	Total Marks
DTIDT2007T	Business Management	100
DTIDT2008T	Cost & Management Accounting	100
DTIDT2009T	Company & Allied Law	100
TOTAL		300

SEMESTER – 4 PRACTICAL		
Paper Number	Title of Theory Paper (For Semester IV)	Total Marks
DTIDT2010P	Direct Tax – Income Tax	150
DTIDT2011P	Business Accounting	150
DTIDT2012P	Indirect Tax – GST	150
TOTAL		450

SECOND YEAR B.VOC DIRECT-INDIRECT TAX (PATTERN 2020)

SEMESTER – 5

SEMESTER – 5 THEORY		
Paper Number	Title of Theory Paper (For Semester V)	Total Marks
DTIDT3001T	Financial Management	100
DTIDT3002T	Financial & Corporate Accounts	100
DTIDT3003T	Company & Allied Law	100
TOTAL		300

SEMESTER – 5 PRACTICAL		
Paper Number	Title of Theory Paper (For Semester V)	Total Marks
DTIDT3004P	Direct Tax	150
DTIDT3005P	Cost & Management Accounting	150
DTIDT3006P	Indirect Taxation	150
TOTAL		450

SEMESTER – 6

SEMESTER – 6 THEORY		
Paper Number	Title of Theory Paper (For Semester IV)	Total Marks
DTIDT3007T	Financial Management	100
DTIDT3008T	Company Accounts & Audit	100
DTIDT3009T	Management Accounting	100
TOTAL		300

SEMESTER – 6 PRACTICAL		
Paper Number	Title of Theory Paper (For Semester IV)	Total Marks
DTIDT3010P	Direct Tax Practical	150
DTIDT3011P	Project work-Elective Subject	150
DTIDT3012P	Indirect Taxation	150
TOTAL		450

B.VOC. MASS MEDIA

- ▶ Three years Undergraduate Programme.
- ▶ Credits: 60 per year
- ▶ Total Credits : 180
- ▶ Eligibility : 12th Pass from any stream, ITI, Diploma

First Year B.Voc. Mass Media

Semester - I			
Subject	No. of Courses		Credits
	Theory	Practical	
Mass Media	3	3	30
TOTAL	3	3	30

Semester - II			
Subject	No. of Courses		Credits
	Theory	Practical	
Mass Media	3	3	30
TOTAL	3	3	30

Second Year B.Voc. Mass Media

Semester - III			
Subject	No. of Courses		Credits
	Theory	Practical	
Mass Media	3	3	30
TOTAL	3	3	30

Semester - IV			
Subject	No. of Courses		Credits
	Theory	Practical	
Mass Media	3	3	30
TOTAL	3	3	30

Third Year B.Voc. Mass Media

Semester - V			
Subject	No. of Courses		Credits
	Theory	Practical	
Mass Media	3	3	30
TOTAL	3	3	30

Semester - VI			
Subject	No. of Courses		Credits
	Theory	Practical	
Mass Media	3	3	30
TOTAL	3	3	30

B.VOC. MASS MEDIA**• First Year Mass Media**

Semester I		Semester II	
Subject Code	Subject Name	Subject Code	Subject Name
BVMM 1101	Fundamentals of Communication	BVMM 1201	India and the World
BVMM 1102	Social Issues and Ideas	BVMM 1202	Principles of Management
BVMM 1103	Introduction to Media	BVMM 1203	Media Psychology
BVMM 1104	Communication Skills	BVMM 1204	Voice over techniques
BVMM 1105	Basics of Photography	BVMM 1205	Advanced Photography
BVMM 1106	Image Processing:I	BVMM 1206	Image Processing:II

• Second Year Mass Media

Semester III	
Subject Code	Subject Name
BVMM 2301	Basics of Marketing
BVMM 2302	Basics of Advertising
BVMM 2303	Print Journalism
BVMM 2304	Video Camera Handling
BVMM 2305	Story Boarding and Script Writing
BVMM 2306	Internship in Print Media

Semester IV	
Subject Code	Subject Name
BVMM 2401	Media Management
BVMM 2402	New Media
BVMM 2403	Radio Programming
BVMM 2404	Video Editing
BVMM 2405	Design and Analysis of Advertising
BVMM 2406	Internship in Radio/New Media

● **Third Year Mass Media**

Semester V	
Subject Code	Subject Name
BVMM 3501	Global Media and Journalism
BVMM 3502	TV Journalism
BVMM 3503	Book Editing and Magazine Journalism
BVMM 3504	Research Seminar
BVMM 3505	Agriculture and Environmental Journalism
BVMM 3506	Internship in TV media

Semester VI	
Subject Code	Subject Name
BVMM 3601	Media Laws and Ethics
BVMM 3602	Crime Journalism
BVMM 3603	Science and Cultural Journalism
BVMM 3604	Podcast and Web based Production
BVMM 3605	Advertising Campaign
BVMM 3606	Individual Project

B.VOC. IN INTERIOR DESIGN

- ▶ Three years Undergraduate Programme.
- ▶ Credits : 60 & Total credits 180
- ▶ Eligibility Criteria : Eligibility criteria: 10+2 or equivalent, in any stream from any recognized board or university.

Eligibility:

1. The eligibility condition for admission to B.Voc. Programme shall be **10+2** or equivalent, in any stream from any recognized board or university.
2. The candidate with **10+2 year or minimum 2 year ITI course** in any branch is eligible for the course.

Features:

1. **Aim : B.Voc Interior Design Courses** is to **generate professional Interior designer** who are able to apply skills in interpreting and developing projects in the different specialist areas of interiors: residential, commercial, projects in retail design, public spaces and exhibition design.
2. Objectives :The objectives of Interior Design course will enable student to
 - * Become entrepreneur and work freelance (self-employed), by offering consultancy services directly to individual clients.
 - * Investigate other opportunities for employment including the followings
 - a. Design show-homes for builders and property developers
 - b. Advise clientele & providing shopping services in specialised furniture and furnishings stores
 - c. Work with kitchen and bathroom manufacturers to help clients plan their space effectively.
 - d. Larger interior design and architectural practices may also hire to work alongside more senior personnel.
3. The duration of the B.Voc. Course will be of three years.
 - * B.Voc. Part I - Diploma in Interior Design
 - * B.Voc. Part II - Advanced Diploma in Interior Design
 - * B.Voc. Part III - Bachelor of Vocation in Interior Design
4. Multiple point entry and exit provision after every year.

5. If any students desire to take admission in other university, at any other stage i.e. on completing first year he/she may take admission to second year in same branch. Similarly, on completing the second year one can take admission to third year.

Facilities:

Main Library : contains reference book, journals and E-books

Departmental Library : department is having separate library for teachers and students (Magazines, E-library, reference book etc.)

Computer Lab : 25 computers with internet facilities and Autocad Software.

Studio 1 : 50 nos. of drafting tables and stools, Display board and soft boards.

Studio 2 : 50 nos. of drafting tables and stools, Display board and soft boards, with ICT facilities.

Hostel : Accommodation is available in college campus.

FIRST YEAR B.VOC INTERIOR DESIGN (PATTERN 2020)

<u>SEMESTER I</u>			
THEORY SUBJECT			
Sr. No	Subject Code	Subject Name	Credits
01	BV ID 2001	Basic Design-I	4
02	BV ID 2002	Basic Materials and Products	4
03	BV ID 2003	Primary Services	4
PRACTICAL SUBJECT			
04	BV ID 2004	Furniture Design (Studio)	6
05	BV ID 2005	Parallel & Perspective Projections (Studio)	8
06	BV ID 2006	Communication Skill (Studio)	2
07	BV ID 2007	Market Survey - I (Studio)	2

<u>SEMESTER II</u>			
THEORY SUBJECT			
Sr. No	Subject Code	Subject Name	Credits
01	BV ID 2008	Basic Design-II	4
02	BV ID 2009	Allied Materials and Products	4
03	BV ID 2010	Basic Construction	4
PRACTICAL SUBJECT			
04	BV ID 2011	Interior Design (Studio)	8
05	BV ID 2012	Basic Construction (Studio)	4
06	BV ID 2013	Cad - I (2D & 3D) (Studio)	4
07	BV ID 2014	Management Skills -I (Studio)	2
08	12020	Physical Education	Grade

SECOND YEAR B.VOC INTERIOR DESIGN (PATTERN 2020)

<u>SEMESTER III</u>			
THEORY SUBJECT			
Sr. No	Subject Code	Subject Name	Credits
01	BV ID 2015	Construction Technique -I	4
02	BV ID 2016	Quantity Surveying	4
03	BV ID 2017	Secondary Services - I	4

<u>SEMESTER IV</u>			
THEORY SUBJECT			
Sr. No	Subject Code	Subject Name	Credits
01	BV ID 2022	Construction Technique - II	4
02	BV ID 2023	Quantity Surveying & Estimation	4
03	BV ID 2024	Secondary Services - II	4

PRACTICAL SUBJECT			
04	BV ID 2018	Construction Technique –I (Studio)	4
05	BV ID 2019	Advanced Interior Design –I (Studio)	10
06	BV ID 2020	Cad – II (2D CADD)	2
07	BV ID 2021	Market Survey-II	2

PRACTICAL SUBJECT			
04	BV ID 2025	Construction Technique -II (Studio)	4
05	BV ID 2026	Advanced Interior Design –II (Studio)	10
06	BV ID 2027	Cad-III (3D CADD)	2
07	BV ID 2028	Management Skill-II (Studio)	2
08	13020	A Course in Environmental Awareness	Grade

THIRD YEAR B.VOC INTERIOR DESIGN (PATTERN 2020)

SEMESTER V			
THEORY SUBJECT			
Sr. No	Subject Code	Subject Name	Credits
01	BV ID 2029	Working Drawing	4
02	BV ID 2030	Project Management	4
03	BV ID 2031	Landscape Design	4
PRACTICAL SUBJECT			
04	BV ID 2032	Working Drawing (Studio)	4
05	BV ID 2033	Speciality Interior Design (Studio)	12
06	BV ID 2034	Seminar-I (Studio)	2

SEMESTER VI			
PRACTICAL SUBJECT			
Sr. No	Subject Code	Subject Name	Credits
01	BV ID 2035	Project & Thesis	18
02	BV ID 2036	Professional Practice	12

B.VOC. PRINTING TECHNOLOGY

Program Structure :

The three year B.Voc. Degree (full time) has a specific feature of multi point entry and multi point exit provision. After completing one year, if any student desire to leave he/she will be awarded Diploma, subject to the condition of earning the required credit points. Similarly after completing the second year he/she will be awarded Advance Diploma and once the candidate completes the third year candidate will be awarded the degree of Bachelor in Vocation Printing Technology. If any student desire to take admission to some other university, at any other stage i.e., on completing 1st year, he/she may take admission to 2nd year in same branch. Similarly, on completing the 2nd year, one can take admission to 3rd year.

Eligibility:

1. The eligibility condition for admission to B.Voc. Programme shall be 10+2 or equivalent, in any stream from any recognized board or university.
2. The candidate with 10+2 year or ITI course in any branch is eligible for the course.
3. Students who have completed 3 Years Diploma in Printing Technology from a recognized board or university are eligible for admission to Direct 2nd Year in B.Voc. Printing Technology.

4. Admissions are given as per the merit list.

Duration :

The duration of the B.Voc. Course will be of Three Years.

Awards		Normal Calendar Duration	Skill Component Credits	General Education Credits
Year 1	Diploma in Printing Technology	Two Semester	36	24
Year 2	Advanced Diploma in Printing Technology	Four Semester	36	24
Year 3	B.Voc. in Printing Technology	Six Semester	36	24
		Total	108	72

COLLABORATION WITH INDUSTRY :

The purpose of this Collaboration is to clearly identify the roles and responsibilities of each party (i.e. college and industry partner) as they relate to the implementation of the **B.Voc. Programme in Printing Technology** at the college.

INDUSTRIAL PARTNERS :

- | | |
|--|------------------------------------|
| 1. Shree Swami SevaPrakashan, Nashik | 8. Balwant Printing Press |
| 2. Bilt Graphic Paper Products Ltd., Pune | 9. Hitech Plasto Ltd., Satara |
| 3. Ajanta Print Arts, Navi Mumbai | 10. Hindustan Labels, Nashik |
| 4. Printhouse (India) Pvt. Ltd., Navi Mumbai | 11. Label Concept, Nashik |
| 5. Divya Marathi Newspaper | 12. Mahavir College, Kolhapur |
| 6. Borkar Packaging Pvt. Ltd., Daman | 13. Jaysingpur College, Jaysingpur |
| 7. M.V.P. Printing Press | |

**B.Voc. Part - I (Diploma in Printing Technology)
General Structure**

Semester I				
Theory				
Paper No.	Subject/papers	Credits	In semester Assessment	Evaluation End semester exam
BVPT 01	Basic Elements of Printing Technology	4	50	50
BVPT 02	Basic Packaging Technology	4	50	50
BVPT 03	Screen Printing	4	50	50
	Total	12	150	150
Total				300

Semester II				
Theory				
Paper No.	Subject/papers	Credits	In semester Assessment	Evaluation End semester exam
BVPT 08	Sheetfed Offset Printing	4	50	50
BVPT 09	Packaging Technology	4	50	50
BVPT 10	Print Finishing	4	50	50
	Total	12	150	150
Total				300

Practical				
Practical No.	Laboratory	Credits	In semester Assessment	Evaluation Term work and Practical Exam
BVPT 04	Basic Computer Fundamentals	6	75	75
BVPT 05	Screen Printing_ Lab	6	75	75
BVPT 06	Image Carrier_ Lab	4	50	50
BVPT 07	Communication Skill	2	25	25
	Total	18	225	225
	Total			450

Practical				
Practical No.	Laboratory	Credits	In semester Assessment	Evaluation Term work & Practical Exam
BVPT 11	Desktop Publishing	6	75	75
BVPT 12	Offset Machine	6	75	75
BVPT 13	Binding and Finishing	4	50	50
BVPT 14	Professional Practice I	2	25	25
12015	Physical Test	Grade	-	-
	Total	18	225	225
	Total			450

B.Voc. Part - II (Diploma in Printing Technology)
General Structure

Semester III				
Theory				
Paper No.	Subject/papers	Credits	In semester Assessment	Evaluation End semester exam
BVPT 15	Web Offset Printing	4	50	50
BVPT 16	Food and Pharmaceutical Packaging	4	50	50
BVPT 17	Paper and Ink	4	50	50
	Total	12	150	150
	Total			300

Semester IV				
Theory				
Paper No.	Subject/papers	Credits	In semester Assessment	Evaluation End semester exam
BVPT 22	Color Separation	4	50	50
BVPT 23	Material Science and Technology	4	50	50
BVPT 24	Gravure Printing	4	50	50
12014	A Course In Environmental Awareness	Grade	-	-
	Total	12	150	150
	Total			300

Practical				
Practical No.	Laboratory	Credits	In semester Assessment	Evaluation Term work and Practical Exam
BVPT 18	Publication Graphic Design	6	75	75
BVPT 19	Advance Screen Printing	6	75	75
BVPT 20	Paper and Ink– Lab	4	50	50
BVPT 21	Professional Practice – II	2	25	25
	Total	18	225	225
Total				450

Practical				
Practical No.	Laboratory	Credits	In semester Assessment	Evaluation Term work and Practical Exam
BVPT 25	Packaging Graphic Design	6	75	75
BVPT 26	Package Testing Methods	6	75	75
BVPT 27	Market Research	4	50	50
BVPT 28	Seminar	2	25	25
	Total	18	225	225
Total				450

B.Voc. Part - III (Bachelor of Vocation in Printing Technology)
General Structure

Semester V				
Theory				
Paper No.	Subject / papers	Credits	In semester Assessment	Evaluation End semester exam
BVPT 29	Digital and Security Printing	4	50	50
BVPT 30	Flexography Printing	4	50	50
BVPT 31	Printing and Packaging Management	4	50	50
	Total	12	150	150
Total				300
Practical				
Practical No.	Laboratory	Credits	In semester Assessment	Evaluation Term work and Practical Exam
BVPT 32	Advertising and Multimedia	6	75	75
BVPT 33	Package Design and Development	6	75	75
BVPT 34	Flexography- Lab	4	50	50
BVPT 35	Project Stage – I	2	25	25
	Total	18	225	225
Total				450

Semester VI				
Theory/Practical				
Paper No.	Subject / papers	Credits	In semester Assessment	Evaluation End semester exam
BVPT 36	Advanced Printing Technology	4	50	50
BVPT 37	Printing Machine Maintenance	4	50	50
BVPT 38	Project Phase - II	10	125	125
BVPT 39	Internship	12	150	150
	Total	30	375	375
Total				750

List of Equipment's are available for the Practical's:

- | | | |
|---|---|--|
| • Screen Printing Setup. |) | Single color offset machine. |
| • Two color offset machine. |) | Offset Plate Making. |
| • Binding- Cutting machine, Stitching machine, Perforation. | | |
| • Computers-25, Scanner-1, Printer-3, Projector-1. | | |
| • Inkjet Printer. |) | Corel Draw for Package & Layout Design. |
| • GSM Tester. |) | Cobb Tester. |
| • Paper Thickness Tester. |) | Paste Ink Proofing Kit. |
| • Flexo Photopolymer Plate Making Machine. |) | Light Viewing Booth. |
| • Spiral Binding Machine. |) | Flexography Single Color Printing Machine. |
| • File Making Machine |) | Automatic Screen Printing Machine |
| • Digital Printing Machine |) | Plotter |
| • Sublimation Printing Machine |) | I card Punching Machine |
| • Lamination Machine | | |

POST GRADUATE PROGRAMMES :**CREDIT AND SEMESTER SYSTEM (CSS) For P.G. Courses (M.A., M.Com., M.Sc.)**

The University authorities have decided to introduce CREDIT AND SEMESTER SYSTEM (CSS) for all Postgraduate Courses in the Faculties of Science, Commerce, Arts and Social Sciences from the Academic Year 2019-20.

The Students of Science Faculty will have to earn 80 Credits in the duration of 4 semesters (20 credits per Semester) from June 2019.

The students of Arts, Social Sciences and Commerce will have to earn 64 credits in 4 semesters with 16 credits in total 4 papers per Semester.

There will be 30% Internal Continuous Assessment based on Written tests/ Term Papers/ Journals/ Lectures/ Library notes/ Seminar /Presentation/Short Quiz/Assignments/Extension Work/Open Book Test etc.

There will be no retest for the Internal Assessment.

The Semester End Exam will be of 70% and will be conducted by the University.

The student will have to pass separately in both the Internal and External Examinations. Aggregate passing will be of 40 marks.

The student will be given Grades and Grade Points.

Eventually the student will have the choice to choose 25% credits from Inter-department, intra-department or parent department courses.

There will be ten Additional Credits in Human Rights and Cyber Crime over two years for all faculties, passing which is compulsory.

Arts Faculty

M.A.

M. A. Part I: CBCS

	Subjects	Credits		Total Credits
		Semester 1	Semester 2	
A. Core Course		04	04	08
B. Any THREE papers from the electives		04 Credits of each paper	04 Credits of each paper	24 Credits of Three papers
C. Human Rights		01	01	02
D. Cyber Security-1		01	00	01
E. Cyber Security-2		00	01	01
	Total Credits:			36 Credits

M. A. Part II: CBCS

	Subjects	Credits		Total Credits
		Semester III	Semester IV	
A. Core Course		04	04	08
B. Any THREE papers from the electives		04 Credits of each paper	04 Credits of each paper	24 Credits of Three papers
C. Cyber Security-3		01	00	01
D. Cyber Security-4		00	01	01
E. Skill Development Course		01	01	02
Introduction to Constitution	Total Credits:	02		36 Credits

Master of Journalism and Mass Communication (MJMC)

This is a two year full time post graduate course affiliated to Savitribai Phule Pune University

Eligibility: Graduate from any faculty with minimum 50 % marks at degree or equivalent.

Intake capacity: 24

Reservation: As per Govt. Rules

Admission is given on the merit basis.

Highlights of syllabus

Students can choose between two streams* a) Journalism and b) Mass Communication

a) From **Journalism stream** students can select from below given electives

- | | |
|---|----------------------------|
| i) Investigative and in-depth reporting | ii) Data Journalism |
| iii) Business Journalism | iv) Agriculture Journalism |
| v) Environment Journalism | vi) Crime Journalism |
| vii) Science Journalism | viii) Culture Journalism |

b) From **Mass Communication** stream students can select from below given electives

- | | |
|---------------------------------|---------------------------------|
| i) Book Editing | ii) Translation skills |
| iii) Social media communication | iv) Intercultural communication |
| v) Film Studies | vi) Political Communication |
| vii) Audio visual production | xi) Cultural studies |

Students can also choose from the **common list*** of subjects

* **conditions apply**

- | | |
|------------------------|-------------------------------------|
| i) Magazine production | ii) Radio Broadcasting |
| iii) Gender and Media | iv) Advertising |
| v) Public Relations | vi) Mass Communication and Pedagogy |

Apart from this a) study tour and visits to media houses, Parliament or Legislative assembly, Scientific and research institutes, military establishments, film shooting set etc. b) Internship in media houses etc are part of syllabus.

Commerce Faculty

M.Com.

- ▶ Two years Postgraduate Programme.
- ▶ Total Credits: 64 [Pattern 2019]
- ▶ Eligibility : B. Com.

First Year M. Com (Pattern 2019)

Semester - I		
No. of Courses		Credits
Theory	Practical	
4	--	16

Semester – II		
No. of Courses		Credits
Theory	Practical	
4	--	16

Second Year M. Com (Pattern 2019)

Semester - III		
No. of Courses		Credits
Theory	Practical	
4	--	16

Semester – IV		
No. of Courses		Credits
Theory	Practical	
4	--	16

Sem - III - Introduction to constitution - 2 Credit

Duration and Examination of the Course: The M. Com, course will be two years duration consisting of two parts i. e. Part I & II. In each Semester, there will be four papers of 100 marks each out of which 40 marks will be for Internal Assessment (attendance, home assignments, class tests, long term papers, classroom presentation and 60 marks for University Examination. Thus M.Com. degree examination, four Semesters shall be of 1600 marks.

Eligibility : The student who has passed B. Com. Degree of SPPU, Pune or any other recognised university will be admitted to M.Com. Course

Admission : Admission will be given to eligible candidate as per the norms laid down by the Savitribai Phule Pune University, Pune and rules and regulations in force at the time of admissions.

Medium : The medium of instructions is English and Marathi.

****Four extra credits for project work at 4th Semester (This will include credits for fieldwork, data presentation and report writing)****

Project Work : The examination of shall be based on:

1. The Project work is compulsory for Sem. IV (Paper VIII)
2. Project Viva-voce will be conducted at the end of Sem. IV, but before theory examination. There will be Internal and External Examiner appointed by the University and it will be conducted as per the university programme
3. Project work will be of 100 marks which is divided as:

Synopsis: 40 Marks

Project and Viva-voce : 60 Marks

Total: 100 Marks

In addition to the above, students are required to secure following ten credits. These credits are compulsory in nature.

Semester	Human Rights	Introduction to cyber security / information security	Skill development	Total Credit
I	1 Credit	1 Credit	--	2 Credit
II	1 Credit	1 Credit	--	2 Credit
III	--	1 Credit	2 Credit	3 Credit
IV	--	1 Credit	2 Credit	3 Credit
Total Credit	2 Credit	4 Credit	4 Credit	10 Credit

Sem - III - Introduction to constitution - 2 Credit

Science Faculty

M.Sc.

- Two years Postgraduate Programme (Semester I, II, III and IV)
- Core Courses Credits : 80 (20 credits per semester)
- Additional Mandatory Courses Credits: 10

Eligibility :

Students passing the B. Sc. degree examination.

Admission to the full time Course is given on the merit of B.Sc. exam.

Admission Criterion :

- ▶ As per merit at graduation, Savitribai Phule Pune University and the Govt. of Maharashtra norms.

Following subjects are taught at M.Sc. level:

- | | | |
|--------------------------|---------------------|-------------------------------|
| ▶ Analytical Chemistry | ▶ Organic Chemistry | ▶ Inorganic Chemistry |
| ▶ Zoology | ▶ Physics | ▶ Botany (Angiosperm Special) |
| ▶ Electronic Science | ▶ Mathematics | ▶ Geography |
| ▶ Microbiology | ▶ Biochemistry | ▶ Environmental science |
| ▶ M. Sc. (Biotechnology) | ▶ Statistics | ▶ Mathematics |

Note : 80 credits (20 credits for each semester), for each subject core compulsory theory , practical and choice based optional courses, details available on SPPU Pune (www.unipune.ac.in) website.

Semester wise additional mandatory courses Credits 10 credits details are as follows

Semester	Course	Credits
I	Human Rights-I	1
	Cyber Security-I	1
II	Human Rights-II	1
	Cyber Security-II	1
III	Skill Based Course-I	1
	Cyber Security-III	1
	Introduction to Constitution	2
IV	Skill Based Course-II	1
	Cyber Security-IV	1
Total		10

N.B. Lists of the papers of the concerned subjects are available on SPPU Pune (www.unipune.ac.in) and K.T.H.M. College website (www.kthmcollege.ac.in) Students are advised to go through the website. Contact to the head of the concerned department for detailed information

For M.Sc. Env. Eligibility - Bachelor of Science, Engineering, (Any Branch), Agriculture, Fisheries and Pharmacy with 50% marks.

M.Sc. Computer Science

- Two years Postgraduate Programme.
- Subject Knowledge Courses Credits: 80
- Additional Mandatory Courses Credits: 10
- **Eligibility :** B.Sc. Computer Science/B.C.S./B.E.(Computer) or equivalent with minimum 50% marks for open category and 45% marks for reserved category
- **First Year M.Sc. Computer Science (Pattern 2019)**

Semester – I			
Subject	No. of Courses		Credits
	Theory	Practical	
Core Compulsory Courses	3	1	16
Choice Based Optional Courses (Select any 1 out of 3)	1	1	4
Human Rights-I	1	-	1
Cyber Security-I	1	-	1
TOTAL	6	2	22

Semester – II			
Subject	No. of Courses		Credits
	Theory	Practical	
Core Compulsory Courses	3	1	16
Choice Based Optional Courses (Select any 1 out of 3)	1	1	4
Human Rights-II	1	-	1
Cyber Security-II	1	-	1
TOTAL	6	2	22

• **Second Year M.Sc. Computer Science (Pattern 2019)**

Semester – III			
Subject	No. of Courses		Credits
	Theory	Practical	
Core Compulsory Courses	3	1	16
Choice Based Optional Courses (Select any 1 out of 3)	1	1	4
Skill Based Course-I	1	-	1
Cyber Security-III	1	-	1
Introduction to Constitution	1	-	2
TOTAL	7	2	24

Semester – IV			
Subject	No. of Courses		Credits
	Theory	Project	
Full time Industrial Training/Internship/Dissertation	--	1	20
Skill Based Course-II	1	-	1
Cyber Security-IV	1	-	1
TOTAL	2	1	22

M.Sc. Computer Application

- Two years Postgraduate Programme.
- Subject Knowledge Courses Credits: 80
- Additional Mandatory Courses Credits: 10
- **Eligibility** : Any Science graduate with minimum 50% marks for open category and 45% marks for reserved category

• **First Year M.Sc. Computer Application (Pattern 2019)**

Semester – I			
Subject	No. of Courses		Credits
	Theory	Practical	
Core Compulsory Courses	3	1	16
Choice Based Optional Courses (Select any 1 out of 3)	1	1	4
Human Rights-I	1	-	1
Cyber Security-I	1	-	1
TOTAL	6	2	22

Semester - II			
Subject	No. of Courses		Credits
	Theory	Practical	
Core Compulsory Courses	3	1	16
Choice Based Optional Courses (Select any 1 out of 3)	1	1	4
Human Rights-II	1	-	1
Cyber Security-II	1	-	1
TOTAL	6	2	22

• **Second Year M.Sc. Computer Application (Pattern 2019)**

Semester – III			
Subject	No. of Courses		Credits
	Theory	Practical	
Core Compulsory Courses	3	1	16
Choice Based Optional Courses (Select any 1 out of 3)	1	1	4
Skill Based Course-I	1	-	1
Cyber Security-III	1	-	1
Introduction to Constitution	1	-	2
TOTAL	7	2	24

Semester - IV			
Subject	No. of Courses		Credits
	Theory	Practical	
Full time Industrial Training/ Internship/ Dissertation	--	1	20
Skill Based Course-II	1	-	1
Cyber Security-IV	1	-	1
TOTAL	2	1	22

M.Sc. BIOTECHNOLOGY

- Two years Postgraduate Programme
- Total Credits: 80 [Pattern 2019]
- Additional Mandatory Credits : 12
- **Eligibility :** B.Sc. Biotechnology with minimum 55% marks for open category and 50% marks for reserved category.

First Year M.Sc Biotechnology (Pattern 2019)

Semester – I			
Subject	No. of Course		Credits
	Theory	Practicals	
Core Compulsory Courses	3	1	16
Choice based optional courses (Select any 1 out of 2)	1		4
Human Rights	1		1
Cyber Security	1		1

Semester – II			
Subject	No. of Course		Credits
	Theory	Practicals	
Core Compulsory Courses	3	1	16
Choice based optional courses (Select any 1 out of 2)	1		4
Human Rights	1		1
Cyber security	1		1

Second Year M.Sc Biotechnology (Pattern 2019)

Semester – III			
Subject	No. of Course		Credits
	Theory	Practicals	

Semester – IV			
Subject	No. of Course		Credits
	Theory	Practicals	

Core Compulsory Courses	3	1	16	Core Compulsory Courses	2	1	12
Choice based optional courses (Select any 1 out of 2)	1	1	4	Choice based optional courses (Select any 2 out of 4)	2		8
Skill development	2		2	Skill development	2		2
Cyber Security	1		1	Cyber security	1		1
Introduction to constitution	2		2				

Ph.D. / M.Phil. Research Programmes

The college has following subject research centres

M.Phil. : Chemistry, Electronic Science, Environmental Science, Zoology, Botany, Commerce, Marathi, English, Hindi, Economics.

Eligibility : 1. Master in respective subjects with minimum 50% marks.

2. Written test. 3. Viva

Ph.D. :

- | | | | | |
|---------------------------|-------------------|-------------------|----------------|-------------|
| i) Marathi | ii) Hindi | iii) English | iv) History | v) Commerce |
| vi) Economics | vii) Physics | viii) Chemistry | ix) Botany | x) Zoology |
| xi) Environmental Science | xii) Microbiology | xiii) Mathematics | xiv) Geography | |

Eligibility : As per SPPU rules.

OTHER COURSES

- **Certificate and Diploma in French and Japanese:**

Knowledge of foreign languages is an additional qualification to get jobs in multinational companies. Good knowledge of foreign languages opens new job avenues too. The college offers the University Certificate and Diploma Courses in French and Japanese languages.

Any person with S.S.C. or equivalent can get admission to certificate course. Those having certificate in the respective language are eligible for the Diploma courses.

Students are advised to contact the concerned coordinator of foreign languages for further information.

- **Certificate, Diploma and Advanced Diploma in**

- Video Production
- Industrial Instrumental analysis
- e- Commerce
- CCNA (CISCO Networking)
- Travel and Tourism
- Strengthening English Communication

● **Certificate/Diploma Courses offered by Arts Faculty**

Sr.No	Department	Title of the Course	Credits	Duration
1.	Economics	Social Audit and Accounting	4	3 months
2.	History & Sociology	Documenting Traditional Knowledge	4	40hrs
3.	History	Modi Script	4	40hrs
4.	History	Diploma in Tourism	4	I Year
5.	Geography	Geographical Information System	2	3 months
6.	Sociology	The Methodology of Critical,Qualitative Research	2+2	2 Semesters
7.	English	French Language	2	30 hrs
8.	English	German Language	2	30 hrs
9.	English	Japanese Language	2	30 hrs
10.	English	नाटक : <i>आस्वाद</i> आणि परिक्षण लेखण	2	30hrs
11.	Marathi	सांगणक आणि मराठी	2	30 rs

7. INFRASTRUCTURE AND FACILITIES

7.1 Facilities at Central Instrumentation Centre and in other departments

A) Facilities at Central Instrumentation Centre

- HPLC (High performance Liquid Chromatography)
- GCMS (Gas chromatography Mass spectrophotometer)
- AAS (Atomic Absorption spectrophotometer)
- UV/Visible spectrophotometer
- Spectrofluorometer
- Flame Photometer
- FTIR (Fourier Transform Infrared spectrophotometer)
- BET Surface Area Analyser (BET)

B) Instrument Facilities in Other Departments

- Fermenter
- CO₂ incubator
- Thermal Cycler (PCR)
- ELISA reader
- Gel Documentation Systems
- Inverted Microscopes
- Cooling Centrifuges
- Shaker incubators
- Trans illuminators
- Electrophoresis Units (Vertical & horizontal)
- Laminar air Flows
- UV/Visible spectrophotometer
- Deep freezers
- Global Position system (GPS)
- Satellite Imageries and Aerial Photograph
- ARC-GIS software
- NI ELVIS-II
- Program and logic controller (PLC)

-
-
- | | | |
|---|-----------------------------------|---|
| • Leica Microtome | • BOD Incubators | • Tensiometer |
| • Zoom stereo Microscopes | • Air Sampler system | • Digital Language Learning Software |
| • Phase contrast microscope | • Tilak Air Sampler | • Digital Signal Processing Kit |
| • Research Microscope e- Photography unit | • Retorod Sampler | • Micro controller kit (Atmel, PIC, AVR,) |
| • TGA/DTA | • Milikan's oil Drop Apparatus | • Automatic weather station |
| • Automatic Tissue processing unit | • Geiger-Muller counter Apparatus | • Lecture capturing system |
| • Ultrasonic Probe sonicators | • Sonicators | |
| | • Wireless Sensor Network system | |
| | • Optical fibre comm. Kit | |

7.2 CONSULTANCY SERVICES:

Departments involved in consultancy services:

- | | | |
|-----------------|-------------------------------|-----------------------------------|
| • Biotechnology | • B.Voc (Printing Technology) | • B.Voc (Interior Design) |
| • Chemistry | • Video Production | • B.Voc (Mass Media) |
| • Botany | • Environmental Science | • B.Voc (Direct and Indirect Tax) |
| • Microbiology | • Animation | |

7.3 RESEARCH COLLABORATIONS AND MOUs WITH OTHER INSTITUTES:

- STRIDE - CTARA - IIT Mumbai
 - Dr D S Khandbahale working with Maharashtra Pollution Control Board on National Ambient Air Quality Monitoring in Nashik City: Environmental Information Centre,
 - Environmental Science department having collaboration with
 - Sonkul Agro Ind.Pvt.Ltd.
 - Dattavandan Agrobiotech Ltd.
 - Department of Chemistry is having linkages with following National Institutes.
 - Dept. of Chemistry- University of Pune
 - College of Pharmacy, Nashik
 - Indian Metrological Department (Weather Observatory) (IND), Govt. of India, Peth Rd. Nashik.
 - Yuvamitra Sinner
 - Gargoti Mineral Museum,Sinner, Nashik.
-
-

-
-
- Commerce - 1) Bajaj Finserv Services Ltd. 2) Institute of Chartered Accountants (ICA) Nashik
 - AIS Solutions Pvt Ltd, Pune

7.4 NETWORKING WITH ORGANIZATIONS:

- K.T.H.M. College has developed a link with Library and Laboratory of SPPU, Pune
- Dept of English is a Member of BCL Pune.
- Cisco Networking Academy: Dept of Computer Science run the course provided by Cisco, USA
- The library has an institutional membership of YCMOU library for JGate plus database e-resources for ILL facilities
- National association for blind (NAB) have MoU for braille library

7.5 COMPUTER & INTERNET

- A full-fledged department of Computer Science runs B. Sc. (Computer Science), B.C.A. (Science), M.Sc. (Computer Science) and M.Sc. (Computer Application) courses.
- The department has six full-fledged and well-equipped computer laboratories with more than 300 computers having WINDOWS-NT/LINUX/NOVEL NETWARE network facilities.
- The laboratories also have various printers, scanners, plotters, digital camera, LCD projector and internet facilities.
- Many of the ex-students are working abroad in well-known IT industries. The department conducts test examinations, group discussion, debating, quiz competitions, programming competitions etc. to promote the interest of the students in computers and raising their skills in computer applications.
- The department is planning to run Red Hat Linux certificate course from this academic year. This department has conducted awareness programs for secondary teachers & nonteaching staff of the Institution.
- The department also provides assistance in office automation and library computerization.

7.6 LIBRARY:

- **Reference:** The library has a rich collection of reference sources like 100+ Research Journals, 100+ Encyclopedias and 225+ Dictionaries apart from references on Language, Literature, Science, Commerce, Economics, Social Science, Sports and Computer Science. Up to March 2021, Total Collection for Senior College is 1,23,476 Books & Total Collection for Junior College is 39,753 Books.
 - **Reprography:** Reprographic service is available for both the students and the faculty as per demand of user.
 - **Inter Library Loan Service (ILL):** The library has an institutional membership of Yashwantrao Chavan Maharashtra Open University Library has MoU for JGate Plus database e-resoucrs for ILL facility. National Association for Blind (NAB) Satpur Unit have MoU for Braille Library. Savitibai Phule Pune University, Nashik Regional Centre facilitate e-resources for library. The college is also linked with C.M.C.S. college (Nashik), G.M.D. college (Sinnar), K.G.D.M. College (Niphad), KSKW College (CIDCO), Art's & Science College (Vadner Bhairav), Art's & Science College (Trambekshwar), Art's, Comm. & Science College (Satpur) and S.V.K.T. College (Deolali Camp).
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- **Information deployment and notification:** Information is given through display rack of new arrivals and on notice boards).
 - **Download:** Download service is provided to download e-book, e-journals articles, Government Resolutions (GR) etc. in softcopy as per their demand. The library also provides 85 computer terminals for the students to access internet where the students can access and download required study material.
 - **Printing:** As per demand of users, printing facility is made available in Information Centre (Library).
 - **Reading List / Bibliography Compilation:** It is compiled and provided on demand or requirement.
 - **In-house / remote access to e-resources:** The library Provides in house and remote access to e-publications subscribed under UGC INFLIBNET - NLIST Programme. The e-resources are generated through N-LIST programme and the teaching faculty gets benefit from the e-resources. E-resources as follows:
 - **E-Journals:** There are two types of e-journals as a) e-journals available through UGCINFLIBNET: links are given. Periodicals available through INFLIBNET (20 Full text databases holding) are 8309 and b) subscribed separately: links of subscribed e-journals are given. Periodicals subscribed by Jayakar Library (22 Full text databases holding) are 8601. Thus it provides total 16910 online full text journals.
 - **E-Books:** E-Books contents five links as 1) CRC netBase, 2) EBSCO e-book collection, 3) Oxford University Press, 4) Online Encyclopaedia of Library and 5) Springer E-Books.
 - **Video Talks:** This links provides video lectures databases. These links and E-books links combine gives access to total 19 database (8599 books & videos)
 - **Desk Research Tools:** It consists of news highlighters. Latest news related with business and commerce is given. It has provision to technical assistant for creating user ID's and password access to e-resources by Informatics Company, Bengaluru. Single search is available, if we search keyword then it provides regarding information about the same keyword i.e., company details, persons related to industries, his achievements etc.
 - **Open Access E-Resources:** It consists of links which are freely available on internet but users don't know are collected in one place for searching. This links are listed one by zone as e-pgpathashala, Books, Serials, Theses, and DOAJ (Directory of Open Access Journals) etc.
 - **User Orientation and Awareness:** New enrolled students are given user orientation programmes. The students schedule display on library notice board and they will reach library schedule wise to know infrastructure, functioning and various sections of Library. The library organizes Book Exhibitions to keep students updated on new arrivals on time to time. The library is setting its repository on its own server using DSpace Software. For its use, a workshop was conducted on 3rd and 4th Dec 2016.
 - **Assistance in searching Databases:** The WEB OPAC can be accessed and used for searching the database by using any computer system, anytime and from anywhere. Librarian and other library staff are competent in the use of ICT. The readily provided assistance in searching databases to the students, staff and stakeholders.
 - **Differently Able Students Centre:**
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- Dedicated 05 computers with headphones and specialized software JAWS (Job Access with Speech) Professional-V.17 software for visually challenged students.
 - Internet facility available free of cost
 - JAWS are a screen reader that works with Windows operating system to provide access to today's popular software applications. JAWS use an integrated voice synthesizer and computer's sound card to output the content of computer screen to speakers.
 - The library provides special facilities to the physically challenged persons so that they do not need to stay in queue for books. They are offered direct access to the circulation counter. The library staffs assist them at personal level for searching the required sources of information.
 - More than 2000 audio books are available through Yashowani. These audio books are stored in 1TB hard disk. Whenever students demand any book, it will be send on email or given it in students pen drive.
 - Book Bank facility is given to the physically challenged students.
 - 100+ Braille books of novels and fiction in Marathi language and 100 Audio CD are available for visually challenged students.
 - Three KIBO Devices for scanning books in audio format. New Syllabus change books are scan by KIBO device. The output audio book is stored on cloud and through mobile application students can accessed these scanned books anytime and anywhere.
- **Human Library:** From the Golden Jubilee Year of KTHM College, the innovative concept of Human Library has been initiated on our campus. The Human Library is a novel idea in itself which functions in coordination of both-the teachers as well as the students. In Human Library the teachers play the role of human books and the students are the beneficiaries. The students visit the fixed place, meet the human books and solve their difficulties after having face-to-face communication with human books. The idea of human library turned into reality with the guidance and support of Hon. Prin. Dr. V. B. Gaikwad.
 - **Benefits:** 1. The students will get in-hand solutions to their academic as well as non-academic problems. 2. This will help for inter-disciplinary interactions, which hardly happens in academic institutions. 3. The students will get live experience of learning. 4. The students will be motivated for reading good literature apart from the prescribed texts. 5. The habit of reading online books (in soft copy format) can be transformed into offline reading and face to face interaction.
 - **Medium of instruction:** Language is no barrier
 - **Hours of meeting:** As per the convenience of both-the students and the human books
- 7.7 **EXAMINATION CELL:** The full-fledged section includes six computers with required examination software, printers, Xerox and Copy printer machines. It has separate meeting hall, store room and supporting staff. Its co-ordinates with the students and solves examination related problems, maintains exam records and exam related circulars etc., conducts internal examinations & conveys necessary information to the students and the staff of the college from time to time. Student can forward examination related issues on email kthmexamdept@gmail.com
- 7.8 **HOSTELS:** The college has four spacious boys and girls hostel buildings in the campus. The hostel is well equipped with all amenities. It has a solar water heater system, a waiting room for visitors, separate rectors residence. It also has a facility of mess having spacious and well-furnished dinning cum recreation
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hall. Two full time watchmen are appointed. Boys and Girls students are admitted in the hostel only after having secured admission in the college. For getting admission in the hostel and further details or queries, contact the rector of the hostel.

7.9 SPORTS FACILITIES:

Dedicated Sports Facilities

- | | | |
|-----------------------------------|---------------------------|---------------------|
| • Two Sports Ground | • Wooden Badminton Court | • Basket Ball Court |
| • 400 Meter Track | • Pistol Shooting Range | • Hand ball Ground |
| • Archery Ground | • Badminton Hall | • Volleyball Ground |
| • Kano-kayaking & Rowing Facility | • Judo/Wrestling Facility | • Gym facilities |

Other than these facilities college also support Hockey, Cricket, Net ball, Korfball. KTHM College also supports all the games listed in Association of Indian Universities (AIU). Our college consecutively bagged 8 times General Champions from Savitribai Phule Pune University. State level Kano-Kayaking and Rowing Competition - 24 Gold, 21 Silver and 44 Bronze in last seven years.

7.10 AUDITORIUM:

This college has a unique and valuable facility of auditorium having 830 sq. m. spacious building in the campus. The auditorium has a capacity to accommodate 700 students. It is equipped with super audio facilities, light and fans etc and generator in case of power failure. This facility is used for cultural activities of the students and various functions of the college. Other than this, college do have small auditoriums/ Lecture halls with all ICT facilities in different departments.

7.11 HEALTH CENTRE AND YOGA:

This facility is made available to all the students and Staff of this college. Two full-time doctors have been appointed for this centre. Emergency aid and health check-up facilities can be availed by the students during college working hours. Various health camps such as routine check-up, blood group check-up, blood donation camps, dental care camp etc. are organized by this centre. Various lectures of practicing doctors are arranged on AIDS awareness, General health care, Dental care, health, anti-drug awareness etc. Yoga is uniquely important in today's stressful life. The training of Yoga is very essential for stress-free life. Our college organizes Yoga classes absolutely free for students and teachers.

7.12 COMPETITIVE EXAMINATIONS GUIDANCE CELL:

Competitive examinations guidance cell is formed for students of this college. Lectures of eminent personalities from various organizations are arranged regularly for the students in the college. It helps the students to prepare for the examinations such as MPCS, UPSC, NET, SET, GATE, CHEMIYAD, MATH OLYMPIAD etc.

7.13 N.C.C (Girls):

There are three divisions NCC girls, NCC Boys and Naval NCC

- NCC girls division was introduced in our college in 1970. It gives better platform for the girls to discipline themselves & develop their personality to become a responsible citizen. Every year 80 girl students are enrolled in the army wing. Incentives are given by NCC Directorate Maharashtra to NCC Cadets.
- N.C.C Army Boys: NCC ARMY Wing Unit in K.T.H.M. college is started in the year 1974. Total strength of our NCC unit is 110, and the enrolment process is conducted every year for the first year cadet in June month, in its 11th standard students to 1st year degree student can take part In enrolment process. Motto of NCC is unity and discipline NCC cadet learn leadership, social awareness Physical and mental development personality development etc.

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- Cadets take parts in social activities in college, battalion and government level. Cadet has chance to participate in type of camp CATC camp. And some type of national camp like Thal Sainik Camp (TSC) trekking camp, para jumping camp, basic leadership camp (BLC) Advance leadership camp (ALC) In this camp cadet get social achievement in this type of camp K.T.H.M College NCC is under the 7 MAH battalion, Mumbai B group of Maharashtra. India The respected principal of KTHM college always guide our cadet to inspire them, every year cadet of our college join police army or other field.
 - Naval NCC: Due to the presence of bot club our college also have NCC Naval. Total 50 students are enrolled including both boys and girls. Within the campus students participate in various camps.

7.14 NATIONAL SERVICE SCHEME (NSS)

National Service Scheme (NSS) is introduced for the primary objective of developing the personality and character of the student youth through voluntary community service. 'Education through Service' is the purpose of the NSS. The ideological orientation of the NSS is inspired by the ideals of Mahatma Gandhi.

- National Service Scheme (NSS) is beneficial to both students as well as the society in various different means. NSS helps the student to grow individually and also as a group. It makes the students confident, develop leadership skills, and gain knowledge about different aspects of the society.
- The Motto or watchword of the National Service Scheme is "Not Me But You". NSS volunteers generally work in villages, slums and voluntary agencies to complete 120 hours of regular activities during an academic year.
- As per the fundamental principles of National Service Scheme, a volunteer is expected to remain in constant touch with the community. There are two types of NSS activities: Regular Activities (120 hours) and Annual Special Camp (120 hours).
- All the NSS Volunteers who have served NSS for at least 2 years and have performed 240 hours of work under NSS are entitled to a certificate from the university under the signature of the Vice-Chancellor.

7.15 BOAT CLUB:

Maratha Vidya Prasarak Samaj's K.R.T. Arts, B.H. Commerce and A.M. Science College popularly known as KTHM College is proud to have a Boat Club, which is one of the unique facilities of the college. It was established in the year 1986. It is situated on the bank of Godavari river in a serene atmosphere which is ideally suited to excel in water sports.

- The Boat Club owns varieties of boats like Training Boats, Rowing Boats, Canoe Boats, Rescue Boat, International Enterprises Class GRP Sailing Dinghy, Pleasure Boats etc which can be used for various competitions besides regular practice. Students of this college have participated in National, State and University level Competitions and won various prizes in the competitions.
 - This Boat Club is an active member of professional associations like Maharashtra Rowing Association (MRA), the Amateur Rowers Association (ARAE) and Maharashtra Cano-kayaking Association (MCA).
 - Boat Club membership is mandatory to all the under graduate and postgraduate students seeking admission in this college. Moreover, facilities of the boat club are extended to every Alumni of this college.
 - The Boat Club, as it is known, is one of the favorite spots for everyone in college. The riverside ambience offers a majestic view of the Godavari River.
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7.17 COMMERCE LABORATORY: Commerce Laboratory was established in 2000. This Laboratory is a unique feature of the college. The objective of this Laboratory is to develop students' practical skills in subjects. To develop interest and attitudes in economic and commercial activities and to make them able to apply acquired knowledge and understanding of the concepts. The Laboratory is well equipped with facilities such as TV, VCR, OHP, LCD as well as internet.

7.18 PSYCHOLOGY LABORATORY. The laboratory was established in 1995 for UG students of the college. The department of Psychology has a well-equipped laboratory with all instruments and psychological tests prescribed in the syllabus. The psychological tests measure various human potentials such as IQ, EQ, scientific aptitude, teaching aptitude, career preference etc. and other aspects of human behaviour such as personal adjustment, social adjustment parent-child relationship, anger, frustration, anxiety, depression, stress and many more.

- This facility includes cubicles for conducting practical, LCD projector and computer with internet access for effective teaching learning, display charts etc.
- This laboratory is used by both UG and PG students. This lab is mainly used for conducting psychological experiments and administering psychological tests included in the syllabus.
- Guest lectures of eminent personalities and psychologists are conducted regularly. Initial screening of psycho-social problems is done at the time of admission.
- Psycho-Social Counselling: The Department of Psychology has faculties who provide their services even as counsellor and looks after the counselling centre of the college. The teachers do undertake mentoring systematically. A trained clinical psychologist is also appointed to cater to special cases who need psychotherapy and specialised counselling.
- The college invites resource persons and professionals who address students on various issues.
- The Counselling Centre was inaugurated on 21st January, 2015. In order to create interest in the subject, to develop an understanding on the applications of the psychology and get an in-depth knowledge and exposure to the subject matter of Psychology a Psychology Club 'PSYCLUB' was established in the department under the Counselling Centre.
- Various interactive sessions, open discussions on burning issues, group counselling sessions, screening of films followed by discussions related to psychology are conducted once a month.

7.19 CAREER GUIDANCE AND PLACEMENT CELL:

This cell was established in 2003 and it co-ordinates placements of students for jobs. College takes help of alumni associations for promoting employment of students. Lectures of eminent personalities from various organizations & industries are arranged for the students. Group discussions of students are conducted with people from industries& alumni, who have reached good position in industries and organizations. This also helps our students to prepare for and face the interviews confidently. This cell also arranges career exhibition & prepares booklets on career opportunities, assists & guides for career profile & Financial decision-making.

7.20 EARN AND LEARN:

This scheme is implemented in our college by Savitribai Phule Pune University, Pune along with Board of Students Development. The main objective of the scheme is to develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society. The students who are economical backward and need financial support are well come to join in this scheme. About 231 students are benefited from scheme in the last academic year and get 1240000/- (Twelve lakh forty thousand) financial support.

7.21 STUDENTS SECURITY SCHEME:

All the senior college students are insured under this scheme. This scheme is implemented by the student's council every year. Each student is insured for Rs. 50,000/- in case of accident or accidental death.

7.22 PERSONALITY DEVELOPMENT CELL:

KTHM College always takes initiatives in organizing student-oriented activities. The personality development cell is one of the crucial platforms for overall development of the students.

- It arranges personality development programmes for all the aspirant students to develop their personality.
- The skills like positive attitude, team management, time management, stress management, communication skills, CV writing, interview technique, body language, etc.
- The college has built a dedicated computerized language laboratory for this scheme with 26 booths for computer based language learning.
- The personality development cell also implements Dr M R Jayakar Employability Skills programme initiated by Savitribai Phule Pune University. It is mainly designed for the last year undergraduate students of Arts, Science, Commerce, BBA and BCS. Ours is one of the leading colleges looking after this programme.
- The students benefitted out of this programme are easily placed after their graduation at many places. This programme proved a successful one in making the students self-reliant. We always strive for bringing novelty through our personality development cell. The personality development centre is located in Annex III of our college.

7.23 COUNSELLING CELL:

Academic Counselling: The college is conscious of the need for continuous orientation and accompaniment at all stages in the course of each and every student who study in our college and even after. This starts at the point of induction into the college academic culture.

- The Admission Committee during the admission also provides guidance for selection of subjects, scope and importance of the different subjects. This is essential as most of our students hail from agricultural background or are first generation learners.
 - All the faculty members of each department continuously guide the students on various issues related to academics, career guidance, personal and family issues informally at departmental level. However, considering the large number of student strength, the college also arranges certain activities wherein group counselling is done for the students.
 - Personal counselling: Personal counselling is done by the Counselling Centre and by the teachers or the mentors. The students in the department are divided into small groups among the available faculties where they seek guidance and counselling. This has helped in developing student mentor system. Students here are in their comfort zone where they feel free to share their ideas and problems on various issues.
 - Career Counselling: Each faculty member takes initiative to inform and guide the students about the various career opportunities in their concerned subjects. Workshops and seminars are organized on Personality development, Assertiveness and Wellness.
 - Psycho-Social counselling: The Department of Psychology has faculties who provide their services even as counsellor and looks after the counselling centre of the college. The teachers do undertake mentoring systematically. The college invites resource persons and professionals who address students on various issues.
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7.24 INTERNAL QUALITY ASSURANCE CELL (IQAC):

This cell was formed as per guidelines of NAAC in the year 2003. This works as a post NAAC quality sustenance measure. This also ensures continuous improvement in the entire operations of the institution. The Internal Quality Assurance Cell takes constant feed-back from the students, parents, alumni, employer and teachers analyses and reviews the results. Lectures of the teachers are observed regularly, Video shooting is done during teaching and necessary advice and hints are given to the teachers.

7.25 REMEDIAL CELL:

The slow learner, advanced learner students are identified at the entry level (First Year). The Remedial coaching is given to slow learner while advanced learner involved in projects and various activity. The separate coaching in subjects like English, Chemistry, Mathematics, Physics and Commerce is provided the students in addition to regular teaching.

7.26 MOBILE VAN (MOBILE LABORATORY):

The college has purchased a Mobile Van from CPE Grant of UGC and established a Mobile Laboratory with necessary equipment in this Van. The teachers and student's literate the village people through scientific experiments about the food adulteration, water pollution. Soil analysis and superstition. Department of Sociology and other departments use this van for field visits, research work and awareness building.

7.27 WEATHER STATION:

The College has a unique feature namely, high tech metrological weather station. It is installed by department of Geography and located on the campus. Automatic weather station commenced from 2015-16.

- The elements of weather such as temperature, atmospheric pressure, humidity, rainfall, precipitation, evaporation, sunshine, wind speed, wind direction is recorded daily. Reading is also taken at frequent intervals for specific experiments.
- The instruments have Automatic rain gauge, non-recording Rain gauge, Maximum and Minimum Thermometer, Dry and Wet Thermometer, Thermograph, Hair Hygograph, Barograph. Thermo hygograph, Cop Counter Anemometer, Open pan Evaporimeter - Copper, Sunshine recorder, wind vane-mechanical etc.
- Department of Geography collects daily data of weather elements and it is disseminated to the students, researchers, planners, local people and Indian metrological department as well as updated every day on the website of the college.

7.28 LMS (LEARNING MANAGEMENT SYSTEM)

Due to the prevalence of covid, the production of e- Content was initially studied using the Google Meet and Zoom Meetings method. But because Google Meet and zoom Meet is both live, it doesn't benefit students in remote areas.

- After that, with the help of Savitribai Phule Pune University, a lecture recording studio was set up at KTHM College and lecture was created through the Learning Management System. In this system, it is mandatory for students to answer questions related to lectures otherwise; students do not get any further lectures.
- The college have its own studio and staff members to record the lecture. The team consisted of students from the animation and video production department of your college Professors from all departments of the senior college and non-teaching staff contributed well in this initiative. Therefore, a large and good quality e-content has been created through the learning management system.
- Taking into consideration by SPPU, honor and announced the Dr. H. V. Desai's first prize (25000/- Cash and momento) for the best e-content development college. Principal Dr. VB Gaikwadyan received the award from Vice Chancellor Dr. Nitin Karmalkar, Dr. MS Umrani, Dr. Prafulla Pawar, Dr. Bhushan

Patwardhan Vice President of UGC, Dr. Ramnath Andhale of the College was honoured with the Best Coordinator Prof. Kanchan Bagul Award for the Best Teacher in Humanities.

7.29 VERMICULTURE AND SERICULTURE UNITS:

Department of Zoology has established the vermicomposting Unit and dedicated sericulture unit with moriculture and silkworm culturing.

7.30 STARUP AND INNOVATION CELL, INSTITUTION AND INNOVATION COUNCIL:

- In order to promote startups, innovations and entrepreneurship culture at the college level. The KTHM College has taken some steps to create, support and nurture vibrant startup ecosystem in the college level.
- The college has established the Institution's Innovation Council (IIC) as per the guidelines of Ministry of Education (formerly MHRD), Govt. of India.
- The college has also set up a Start-up and Innovation Cell, as per the guidelines of the Centre for Innovation Incubation and Enterprise (CIIE), SPPU.
- The objectives of these are to create, support and nurture a vibrant start-up ecosystem in the college level by encouraging students through a supportive environment that helps them to establish their business ideas and develop their concepts into market ready products.
- Primarily, IICs' role is to engage large number of faculty, students and staff members in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, Intellectual Property Rights, project handling and management at Pre-incubation / Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in institutions.

7.31. Xerox and Canteen :

These facilities are available in college premises

8.EXTENSION :

- ▶ Adopted five villages for their overall development
- ▶ Regular arrangement of social awareness programmes
- ▶ Stakeholders participation in planning extension activities
- ▶ Participation of NCC/NSS students in rescue operation. operation and Environment Awareness Campaigns
- ▶ Running a library in the Village Tiradshet
- ▶ Sanskar Kendra in slum area.
- ▶ Stride Project
- ▶ Value education to prisoners in Central Jail
- ▶ Human Library
- ▶ Wooden court - Bad Minton and Table tennis

9.OUTREACH PROGRAMMES :

- 1) Department of Humanities (Sociology, Economics, Political Science, History, and Psychology) have conducted a comprehensive survey of villages and household things in five villages under Unnat Bharat Abhiyan of MHRD, Delhi.
- 2) Department of Chemistry has taken initiative in 'Vidnyan Prachar ani Prasar'
- 3) Department of Electronic science has executed a novel idea of 'Electronics to school' giving hands on experiences to school students.
- 4) Department of sociology has actively participated in 'Life long and Continuous Education' organizing

workshops on 'Gender Sensitization' and 'Vojana Doot' programs.

- 5) KTHM College has received a grant of Rs. 1 crore under STRIDE scheme. The college has planned to make a framework giving scope to rural and tribal talent through STRIDE with a collaboration of C-TARA.
- 6) NSS and student Development Board jointly organized a workshop on 'Face-Mask Making' to meet COVID-19 pandemic. These masks are distributed among NMC workers.
 - Villages adapted under MHRD
 - 1) Ganeshgaon Trimbak
 - 2) Sayyed Pimpri
 - 3) Aswali
 - 4) Talegaon Kachurli
 - 5) Dhadoshi
 - 6) Samundi
 - 7) Patryacha Pada
 - 8) Kharoli

7) MoUs Signed

Organisation	Date of MoU signed	Number of stu./tea.participated
Zabuza Labs, Nashik	20-07-2017	200
Garogoti Mineral Museum	15-08-2018	3
Dhanashree Enterprises (Franchisee Holder) The Institute of Computer Accountants Nashik	16-12-2019	70
ICA Edu Skills Pvt Ltd., Kolkata		
Abhivyakti : Media for development, Nashik	07-09-2017	200
Bio Organic Industries, 663, A Wing, 2nd Floor Market Yard, Dindori Road, Panchwati, Nasik -422003.	20-06-2018	40
New Age Urja Vikas Sanstha NGO	09-04-2014	131
Enermax Systems	09-04-2014	106
Sanjivan Reshim Udyog, Dhadegaon, Pathardiphata, Nashik	28-02-2018	50
Ashwamedh Agro Chemical PVT. LTD, Manufacturers and Marketer of Biopesticides and Biofertilizers company, Kopargaon, Dist- Ahmednagar.	27-09-2015	50
Mahavir College, Kolhapur.	05-03-2020	310
Jaysingpur College, Jaysingpur	05-03-2020	310
Shree Swami Samarth Press, Nashik	27-02-2020	155
Skanem Interlab Industries, Vasai	18-07-2019	155
Design Forum Consultants	20-06-2019	147
Transform Architects	20-06-2019	147
CA Sudarshan V Kalunge & Company, Nashik	1.09.2019	6
CA Narendra Zadge and Associates	1.09.2019	44
The ARK Studio, NASHIK	15/06/2019	7
Curly pixels productions, Nashik	15/06/2019	39
Studio Eyeworks Nashik	15/06/2019	44
StaticGSM	15/06/2019	44
Shri Neminath Jain Brahmacharyashram (Jain Gurukul's) Karmveer Keshavlalji Harakchandji Abad Arts, Shriman Motilalji Giridharilalji Lodha Commerce & Shriman	28-08-2019	10

P. H. Jain Science College, Tehsil: Chandwad, Dist: Nashik, Maharashtra, Pincode : 423101		
Swargiya Sanjibhai Roopajibhai Memorial Trust`s, SSR College of Arts, Commerce and Science, Silvassa, Sanjibhai Delkar Marg Sayali - Silvassa UT of Dadara Ta: Dadra Nagar Haveli Dist: Dadra Nagar Haveli Pincode: 396230	28-08-2019	10
Swargiya Sanjibhai Rupajibhai (SSR) Memorial Trust`s, INSTITUTTE OF MANAGEMENT AND RESARCH, SILVASSA Sanjibhai Delkar Marg Sayali - Silvassa UT of Dadara Ta: Dadra Nagar Haveli Dist: Dadra Nagar Haveli, Pincode: 396230	28-08-2019	10
Maratha Vidya Prasarak Samaj`s, Arts, Commerce & Science College, Jawhar Road, Tryambakeshwar-422 212, Tal-Tryambakeshwar, Dist.- Nashik, Maharashtra	28-08-2019	10
MVP Samaj`s, Karmaveer Ganpat Dada More Arts, Commerce and Science College, A/P Niphad, Pimpalgaon-Niphad road, Tehasil Niphad, Dist. Nashik 422303, Maharashtra State	28-08-2019	10
Smt. Vimlaben Khimji Tejookaya Arts, Science and Commerce College, Deolali Camp, Nashik Lam Road Devalali Camp Ta: Nashik Dist: Nashik Pincode: 422401	28-08-2019	10
Arts and commerce College, Makhmalabad, Nashik, A/P Makhmalabad, Nashik, Maharashtra, Pincode : 422003	28-08-2019	10
Arts and commerce College, Satpur, Nashik, Maharashtra A/P Satpur, Nashik, Tal: Nashik, Dist: Nashik, Pincode: 422007	28-08-2019	10
NDMVP Samaj's, Architecture College, Nashik	28-08-2019	10

10. PLACEMENT AND CAREER COUNCELLING CELL :

- * The Placement Cell was established in 2003. Its activities range from detailing on career options, resume writing and case studies to organizing pre-placement talks for institutes and corporate recruiters.
- * Skill building workshops such as those for interviews, group discussions and personality development have been introduced to help make the Placement Cell more like a 'Career Guidance' unit rather than just for final placements.
- * Career orientation and pre-placement trainings are organized by the Placement Cell.
- * The Placement Cell facilitates Interface Programmes with the alumni to familiarize the students with the demand of the industry, the agency or even fields of specialization.
- * In addition to the above cited support systems, a notice board is placed in the library specifically to display opportunity updates as well as career guidance information.
- * The Placement Cell in associations with the Competitive Examination Cell conducts various lecture series on Personality development, resume writing etc. Placement Cell takes initiative to organize the campus interview throughout the year.
- * The details are as under-
 - Thousands of students are placed in different companies all over India and more than two hundred and ten companies visited the college in the last five years.
 - Career orientation programmes of the institution help the students to identify the right career choice and more promising career profiles. The college website is a rich network which provides platform for notification of employment opportunities, upcoming examinations, active sharing of materials etc.
 - A Personality development cell is also established to hone the employment skills of the students. It arranges personality development programmes for all the aspirant students to

develop their personality. The skills like positive attitude, team management, time management, stress management, communication skills, CV writing, interview technique, body language, etc. The Personality Development cell also implements Dr M R Jayakar Employability Skills programme initiated by Savitribai Phule Pune University. It is mainly designed for the last year undergraduate students of Arts, Science, Commerce, BBA and BCS. The students benefitted from this programme are easily placed after their graduation at many places. The successful placement of students in numerous reputed firms reinforce the strenuous efforts of the Placement Cell to create skilled professionals catering to the needs of the job market.

**Major List of the students who have been placed in prominent organizations in the
Academic year 2021-22**

Sr. No.	Stream	Name of the Company/Organization/Industry	Number of Students
1	Comp.Science	Accenture	8
2	B.Voc	Ajanta printarts	2
3	Comp.Science	Aloha Technology Pvt Ltd	1
4	Comp.Science	ANS Charitable Trust	2
5	Comp.Science	Application nexus	2
6	Comp.Science	Atos	1
7	B. Voc.	Borkar packaging Pvt.Ltd	3
8	Comp.Sci/Statistics	Capgemini	8
9	Comp.Science	Codershub	1
10	Comp.Science,Phy,Stat	Cognizant	4
11	Statistics	Datamatics global services limited	1
12	BVoc	EasselPropack Packaging	1
13	Comp.Science	Emerging Technology, Nashik	1
14	BVoc	Essel Pro Packaging	12
15	Commerce	Global digital institute	1
16	Comp.Science	GS Lab	1
17	Marathi	Hindustan Unilever limited	1
18	Comp.Science	Humming Byte Technologies	2
19	Commerce	IDBI Bank Ltd	10
20	Phy/Comp.Sci/Stat/Electronics Science/Maths	Infosys	9
21	Comp.Science	Larsen & Toubro Infotech	1
22	Comp.Science	Livestrong Technologies	2
23	Commerce	Mohini finserve	1
24	Comp.Science	Naxert Infotech	1
25	Electronics	Precision instrumentation and services Pvt Ltd	1
26	Comp.Science	Qspider	1
27	Comp.Science	R3 System	3
28	Commerce	Shelar associate	1
29	Comp.Sci/Electronics	TCS(Tata Consultancy Services)	7
30	Statistics	TCSL(Computer consultancy)	1
31	Comp.Science	Techflux Solution	1
32	Comp.Science	Techflux Solution	1
33	Economics	The Bishop's School	1
34	Comp.Science	Trade path Capital	1

35	Comp.Science	Triarq Health,Nashik	2
36	Comp.Science	Wipro	3
37	Commerce	Yashaa Digital- Digital marketing company	1

11. SCHOLARSHIPS :

The college has a number of welfare schemes to assist the needy students. There is an institutional Students' Welfare Fund to assist the students with financial difficulty. The management offers various scholarships for the deserving students. Following are the welfare schemes made available to the students:

- **Physically disabled students:** The college in association with SPPU, Pune University facilitate **110 physically challenged students** to pursue their education by providing them scholarship of **Rs 3,22,110/-** during the last six years. For the academic year 2016-17 **“Help the Blind Foundation, Chennai”** granted scholarship to **19 visually impaired students** by providing scholarship of an amount of **Rs 1,25,000/-**. Other than this one, the staff and the students play an important role in giving moral support to these student within the campus.
- **Students Welfare schemes governed by MVP Samaj:**
- **MVP Samaj Welfare Fund:** This Scheme is governed by MVP Samaj, Nashik, in all its branches providing support to meritorious economically backward students. It also provides support to ex-students for further studies abroad. Deserving physically challenged or blind students can also avail of this scheme.
- **Accident Insurance policy scheme:** This scheme is governed by MVP Samaj, Nashik with insurance company. All students admitted to college are eligible for this scheme. The compensations are as follows:
 - * Rs 10,000/- on death or disability * Rs 5000/- for major operation
 - * Rs 3000/- for incurable disease * Rs 1000/- in case of disaster

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- **Students Development schemes governed by MVP Samaj:**
Students Security Scheme: All the students admitted to senior college are insured under this scheme. Each student is insured for Rs 50,000/- in case of accident or accidental death
 - **Poor Boys' Funds:** Needy and deserving students desirous to learn are benefited by this scheme.
 - **Endowment Scholarship:** MVP Scholarship is awarded to meritorious student who score highest mark in final examination.
 - **Corpus Fund:** Since 2015-16 college has taken initiative to help the deserving and needy student by raising the corpus fund specifically for those students who don't avail any kind of financial assistance from another scholarships or free ships. Retired Staff willingly contribute to the fund. **6 students** have availed this facility and a sum of **Rs 30,000/-** has been disbursed.
 - **Nominal Fee:** College has provision to admit meritorious student at nominal fee.
 - **Fee Concession:** Concession in fees for the freedom-fighter wards is given. Deserving students are given concession in college admission fees.
 - **EBC Concession:** Fee concession is also given to the students whose parents' income is less than Rs 1,00,000 The students who need to avail of this facility are required to submit Income certificate issued by the concerned Tahshildar.
 - **Fee installments:** Students are allowed to pay fees in two to three installments
 - **Students Development schemes governed by University:**
 - **SPPU Pune Scheme:** This is governed by SPPU, Pune. Rs 2/- is deducted at the time of admission and the students are enrolled as members of this scheme. (Vidyarthi Suraksha Yojana under Board of Students Development, SPPU, Pune)
 - **Karmvir Bhaurao Patil Earn and Learn Scheme :** This scheme is implemented in the college by the SPPU, Pune along with the Students Development Council. The students who need the financial support are recognized by the authority and extend help to them. On an average 200 + students are benefited by this scheme during the last six years.
 - **Nirbhay Kanya Abhiyan:** This scheme is for the empowerment of the girl students. The main objectives of this schemes are
 - To provide training for self-protection.
 - To build the capability to oppose, fight against injustice and exploitation
 - To impart training for self-protection
 - On an average an amount of Rs 15,000/- is spent in every academic year and 180 girls are benefited.
 - **Special Guidance Scheme:** First year degree students having backward educational background are provided with special guidance regarding the difficult subjects and career development avenues.
 Remedial Coaching for the slow learners and Career Counseling are provided to the final semester students to prepare them for placements.
150 students on average during the past six years are benefitted under this scheme and Rs 20,000/- are allotted to them.

Circulars and Notices regarding all the above schemes are displayed on the notice boards from time to time.

In addition to the above, the college provides an opportunity for recreation, games and sports, well-equipped boat club, an exclusive fitness and canteen, space for prayer and meditation, transportation (College Bus), ladies rest-room, etc.

12. STUDENTS' DEVELOPMENT SCHEMES:

1. Accident Insurance policy scheme :

This scheme is governed by MVP Samaj, Nashik with insurance company. All student admitted to college are eligible for this policy. In case of an accident the student gets compensation as below.

* Rs. 10,000/- On death or disability

* Rs. 5000/- for major operation.

* Rs. 3000/- for incurable disease.

* Rs. 1000/- in case of disaster.

2. The Accidental Insurance policy scheme by SPPU, Pune along with the oriental Insurance Company limited.

Sr. No.	Particulars of Coverage	Amount of coverage Rs.
01	Accidental Death Rs.	1,00,000/-
02	Loss of two limbs, eyes or one limb and eye.	Rs. 1,00,000/-
03	Loss of one limb or one eye.	Rs. 50,000/-
04	Permanent Total Disablement from injuries other than Those named above (PTD)	Rs. 1,00,000
05	Medical expenses arising out of accidental injuries due to Hospitalization for every students	Rs. 50,000/-
06	Any one accident Limit Rs.	25,000/-

* SCHEMES OF SPPU, PUNE UNDER BOARD OF STUDENTS' DEVELOPMENT

- KarmaveerBhauraoPatil 'Earn and Learn Scheme'
- Annual College Magazine Competition) Annual Prize Distribution
- Anti-ragging Cell) 'Chetana' (Students' Bulletin)
- Disaster Management Cell) Dr P C Alexander Inter University Marathi/ English
- Elocution Competition) Fearless Girls Campaign ('NirbhayKanyaAbhiyan')
- Felicitation of NCC Cadets) Moot Court Competition
- NCC Felicitation Ceremony) Personality Development Scheme
- Placement Centre) Samarth Bharat Abhiyan
- Soft Skills Programme) Special Guidance Scheme
- Student-related Seminar/Conferences/Workshops/ Lecture Series/Camps etc.
- Students' Safety Insurance Scheme) Students Aid Fund
- Students' Council) University Representatives' Camp
- Youth Festivals

Principal, four Vice-Principals, various committees along with students council members, organize & manageday to day activities of the college.

13. COMMITTEES

Several committees are formed in the college at the commencement of every academic year. These committees organize students' cultural, social and academic activities. They also help to bring better understanding and good social awareness and contacts among the students from all classes. All students are expected to participate in these activities.

14. COLLEGE PUBLICATIONS:

College magazine reflects the identity of the educational institutions and is an integral part of the education system. College magazines reflect the identity of the educational institutions through the writings of its students and teachers as well.

KTHM College magazine is entitled as "AKSHAR". It is very symbolic title as it reflects the writing of the students. Students have a lot of potential within them which needs a proper channelization and outlet. AKSHAR provides a wonderful platform for these young potential ones to showcase their talent as writers and express themselves through various issues.

15. ALUMNI ASSOCIATION:

The Alumni Association of our college is duly registered with Charity Commissioner, Nashik. Regular meetings of the Alumni Association are held in which various issues related to the curriculum and development of the college are discussed. Feedback from all stakeholders including alumni is collected every year. Similarly, departmental level alumni associations are formed to facilitate the college level Alumni Association. The Alumni promote employment and provide placements to our students. They also contribute funds, books, and equipment to various departments. Some renowned Alumni also work as resource persons and counselors in various academic activities. In addition to that, Employability Enhancement and Social Awareness programmes are organized by the Alumni Association regularly. The Alumni Association also seeks donations from the alumni for the development of the college and they can contribute to the Alumni Fund. Details of the Bank Account of the Alumni Association are given below.

Name:	KTHM College of Nashik Alumni Association Nashik
Account Number:	60396348856
IFSC Code:	MAHB0000672
Bank:	Bank of Maharashtra
Branch:	Canada Corner, Nashik
Branch Code:	000672
MICR Code:	422014004

16. OTHER ACTIVITIES :

- ▶ College conducts science exhibition on occasion of Science Day. This helps to promote scientific attitude among the students. College offers opportunities to inculcate skills such as elocution, debating, drama and music in the students so as to develop multi-dimensional personality.
 - ▶ 'Vasantrao Pawar Vyakhyanmala is organized by the dept of Journalism and Mass Communication every year.
 - ▶ Newspaper, Magazines and Audio-Visual etc. facilities are provided in the Nonresidential students' center
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cum recreation hall.

- ▶ Students' Grievance Redressal Cell helps them to solve their difficulties and complaints.
- ▶ Women's empowerment Cell is a platform for girls, formed since 2000, conducts programmes for girls; arranges guest lectures of Doctors and eminent personalities.
- ▶ Department of English organizes state level poetry writing competition and publishes selected poems in form of an anthology entitled 'Poetry Carnival.

Women Empowerment and Anti Harassment Cell (Vishaka Samiti)

Vishaka guidelines were set of procedural guidelines for use in India in cases of sexual harassment.

Sexual Harassment Means :

- Sexual harassment is different from sexual desire, mutual romance or love.
- It is unwelcome sexual behavior
- Sexual harassment can come in many forms like physical, psychological, verbal or non-verbal etc.
- Sexual harassment is a violation of fundamental human rights.
- Sexual harassment is a serious criminal offence.
- Making sexual comments about female students is sexual harassment.
- Sexual jokes designed to make young women uncomfortable is sexual harassment.
- Spreading rumors of a sexual nature about female students or teachers is sexual harassment.
- Making obscene gestures or showing pornographic pictures to embarrass young women is sexual harassment.
- Forcing your romantic or sexual attentions on a college mate and refusing to accept her rejections are forms of sexual harassment.
- There are no circumstances, no excuses for sexual harassment. You cannot, for instance, argue that you were provoked by the girl's dress or behavior.
- Sexual harassment is a criminal offence. Every woman deserves respect and dignity. Any behavior that denies that is unacceptable.
- As a young male who wants to do the right thing, be a part of the solution and not of the problem.
- Any male behavior that you feel is of a sexual nature and makes you uncomfortable is unacceptable.
- Do not ignore what you think is sexual harassment, or try to keep it a secret.
- If the harassment persists confront him in a rational, controlled and firm fashion. Remember harassers are bullies and all bullies are cowards.
- If confrontation does not work, take action. If a college friend is troubling you, report it to someone in authority and whom you trust, such as a teacher or the principal.
- Make your male friends understand how terrible it is to be harassed.
- Ask your teacher to debate the issue in class, it's very important form of education in gender relations.
- Empower yourself-learn about the issue, know your rights, keep abreast of the laws, train in some form of physical self-defence.

Reasons for Not Wanting Daughter by Parents

- Dowry
- Wedding expenses
- Long requirement of giving gifts and money to daughters
- Lack of availability of girls to look after parents after marriage
- Ill treatment by husbands and in-laws
- Ill treatment of women by her in-laws after they give birth to a girl.

Repercussions of Female Foeticide

- Non-availability of brides
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- Rise in sexual violence against women
 - Lack of female workforce
 - Polyandry (form of marriage in which a woman has two or more husbands at the same time)

Effective Strategies to Prevent Female Foeticide

- Higher education for girls.
- Strict implementation of the law against dowry.
- Incorporation of anti-dowry education at school and college levels.
- Improving the facilities for providing education to girls.
- Modifying laws to heavily fine people who cause and perform sex selective abortion.
- Restricting prenatal sex determination tests to disclose only genetic abnormalities.
- Using the media to change Peoples' opinions; creating public awareness about the equal capabilities of men and women.
- Organizing campaigns on television and radio for equality of both sexes.
- Economic empowerment of women.
- Raising salaries and the status of careers which are particularly suited to women.

Let us take a pledge for protection of girl child:

Woman is a part of my life in various relationships. I am grateful to the woman who gave birth to me. I feel that the honour of woman is honour of Living. I respect all women who are parts of my life as mother, sister, wife, daughter, friend and colleague. I take the pledge to protect girl child so that a social balance is maintained and the society develops in all respects.

Contact Numbers of the concern Grievance Redressal Authority are Displayed on the campus

17. RULES AND DISCIPLINE :

RAGGING :

Hon'ble Supreme Court of India has made it mandatory that the prospectus of every educational institution should clearly state that **if any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the institution.**

Students will follow all the norms of discipline of this college. Rules regarding routine work, behaviour in the campus, classrooms, and library at various functions and during examinations should be properly observed by all students.

The regulations jointly made by the University of Pune, Educational Council, State Government and College Management will have to be strictly followed by all students.

1. Use of **Mobile** in college campus is only for academic purpose.
2. Students must carry their identity cards with them.
3. Students must behave decently. They should be polite to the staff and other students.
4. Vehicles must be parked at parking place only.
5. Minimum 75% attendance for Practicals as well as lectures is mandatory as per University rules.
6. The examinations forms will be detained if students are having less than 75% attendance.
7. Smoking, drinking liquor, consuming gutka, pan masala and pan, spitting is strictly prohibited on the college campus.
8. Photography in the campus is not allowed.
9. Weapons that may cause physical injury are prohibited on the campus.

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10. Writing anything on the walls of classroom or in toilet, throwing scraps anywhere on the campus is prohibited.
 11. The furniture, lamps, fans etc. in the classroom should be used carefully. No damage should in any way be caused to the college property.
 12. Shouting , causing nuisance, banging on the college property is strictly prohibited.
 13. Visitors are not allowed on the campus unless special permission is granted.
 14. Students will have to follow all rules made by laboratories, library and boat club authorities.
 15. Without permission students are not allowed to enter the terrace or the garden.
 16. Study tours can be arranged only by the permission of the principal. College will not be responsible for the tours conducted without permission.
 17. In case of any complaint contact the principal, and not the newspaper or any other media.
 18. No students will participate in any anti social or anti college campaign. Nor will they take part in any religious movement.
 19. Students will participate and constructively co-operate in all extra-curricular, co-curricular and cultural activities organized by the college.
 20. Use of unfair means and copy material in the examination is a punishable offence.
 21. Original certificates once submitted will not be returned.
 22. Strict action will be taken if any alterations in documents are made.
 23. Organizations other than academic forums of students are not allowed to formed in the campus.
 24. Students will have to follow all regulations made from time to time by the college authorities
 25. Duplicate ID card can be procured after paying a fine of Rs. 100.

Following measures may be taken in case of non-observance of rules and regulations:

- | | |
|-------------------------------------|--|
| a) Cancellation of admission. | b) Cancellation of terms. |
| c) Detention of examination forms. | d) Rustication from examination/college. |
| e) Withholding examination results. | f) Suspension from college. |
| g) Fine | h) Confiscation of deposit. |

18.UNIVERSITY RANK HOLDERS :

M.V.P. Samaj's

K.R.T.ARTS B.H. COMMERCE AND A.M. SCIENCE COLLEGE NASHIK-2**• UNIVERSITY RANK HOLDERS –2015 •**

Sr. No	Class	Subject	Name	Rank
1	B.A.	Sociology	Donde Seema Suresh	14 th
2	B.A.	Opt.English	Khan Zara Ayaz	18 th
3	B.A.	Music	Nathe Santosh Vishram	8 th
4	B.A.	Music	Shah Annu Lalan	16 th
5	B.A.	Politics	Mule Rohit Ashokrao	17 th
6	B.A.	Hindi	Prajapati Renuka Kailas	12 th
7	B.Com	Co-operation & Rural Development	Mahulikar Prajka Sanjay	8 th
8	B.Com	Co-operation & Rural Development	Shinde Rama Rajendra	9 th
9	B.Com	Co-operation & Rural Development	Kokate Ajay Sudhakar	10 th
10	B.Com	Agri. & Indust. Economics	Kale Kajal Sanjay	1 st
11	B.Com	Agri. & Indust. Economics	Kapse Pradip Bajirao	2 nd
12	B.Com	Agri. & Indust. Economics	Gaidhani Pravin Chandrabhan	3 rd
13	B.Com	Agri. & Indust. Economics	Thete Keshav Kailas	4 th
14	B.Com	Agri. & Indust. Economics	Pitekar Priyanka Macchindra	5 th
15	B.Com	Insurance, Transport & Tourism	Pawar Pooja Vilas	1st
16	B.Com	Insurance, Transport & Tourism	Bankar Anuradha Madhukar	2 nd
17	B.Com	Insurance, Transport & Tourism	Aher Kiran Bhagawan	3 rd
18	B.Com	Insurance, Transport & Tourism	Chhajed Yugal Ramanlal	4 th
19	B.Com	Insurance, Transport & Tourism	Sahane Vrushali Subhash	5 th
20	B.Com	Insurance, Transport & Tourism	Deore Snehal Sanjay	6 th
21	B.Com	Insurance, Transport & Tourism	Shelar Amit Balasaheb	7 th
22	B.Com	Insurance, Transport & Tourism	Rayate Suraj Madhav	8 th
23	B.Com	Insurance, Transport & Tourism	Bhujbal Shradha Dilip	9 th
24	B.Com	Insurance, Transport & Tourism	Shinde Sham Madhukar	10 th
25	B.Sc	Botany	Khan Shazeen Mohammad	3 rd
26	B.Sc	Botany	Jadhav Meghana Gautam	4 th
27	B.Sc	Botany	Kukde Ujwala Runja	10 th
28	B.Sc	Geography	Kasar Tushar Arun	1 st
29	B.Sc	Geography	Vishnu Sugathan	7 th
30	B.Sc	Microbiology	Deshmukh Swateja Sanjay	10 th
31	B.Sc	Electronic Sci.	Pingale Yogesh Rajendra	7 th
32	M.A.	Politics	Jopale Jagdish Dinkar	1 st
33	M.A.	Sociology	Pingale Kanchan Madhukar	3 rd
34	M.A.	Sociology	Pawar Chandrakant Suresh	4 th
35	M.A.	Sociology	Duragabai Shantaram Hadas	5 th
36	M.A.	Sociology	Vispute Kajal Mahendra	6 th
37	M.A.	Sociology	Jadhav Archana Parshram	8 th
38	M.A.	Psychology	Bendkoli Madhuri Madhav	6 th
39	M.Com	Business Administration	Aher Sayalee Anilkumar	10 th
40	M.Sc	Botany	Burhade Shweta Nandkumar	1 st
41	M.Sc	Botany	Sanap Chetan Sharad	3 rd
42	M.Sc	Botany	Smt Gunjal kalyani Rajendra	4 th
43	M.Sc	Botany	Smt. Singh Meena Narpal	8 th
44	M.Sc	Geography	Shinde Savita Shrikrushna	9 th
45	M.Sc	Environmental Sci.	Miss Wagh Vishakha Rajendra	5 th
46	M.Sc	Environmental Sci.	Miss Shikha Mungali	8 th
47	M.Sc-Biotech.	—	Thaiparambil Elvina Joseph	2 nd
48	M.Sc-Biotech.	—	Nikita Pradeep Vaidya	5 th
49	M.Sc-Biotech.	—	Shruti Sanjay Bhalerao	10 th

M.V.P. Samaj's
K.R.T.ARTS B.H. COMMERCE AND A.M. SCIENCE COLLEGE NASHIK-2
• UNIVERSITY RANK HOLDERS –2016 •

Sr. No	Class	Subject	Name	Rank
1	B.A	Psychology	Shindkar Vaidehi Devidas	45
2	B.A	Psychology	Khode Megha Sudam	99
3	B.A	Sociology	Wagh Madhuri Dattu	55
4	B.A	Sociology	Bagade Dipali Suresh	14
5	B.A	Sociology	Rahade Sunil Pandurang	31
6	B.A	Sociology	Khandbahale Jyoti Devidas	40
7	B.A	Sociology	Gangode Pooja Hiranman	40
8	B.A	Sociology	Arvind Kaveri Sunil	55
9	B.A	Sociology	Jadhav Kartiki Ramsingh	64
10	B.A	Sociology	Salve Sarla Hiranman	67
11	B.A	Sociology	Lahamge Megha Raghunath	75
12	B.A	Sociology	Kadam Swati Sanjay	90
13	B.A	Sociology	Dhondage Yogita Dnyaneshwar	90
14	B.A	Sociology	Boinwad Krushna Balaji	92
15	B.A	Sociology	Dhikale Sonali Santu	94
16	B.A	Sociology	Shinde Kanchan Shakar	97
17	B.A	Sociology	Kavingal Priya Ramchandra	99
18	B.A	Marathi	Patil Monika Balu	90
19	B.A	Marathi	Salunke Shital Sanjay	91
20	B.A	Politics	Sahare Shankar Janardhan	14
21	B.A	Politics	Chaudhari Sharad Devram	30
22	B.A	Politics	Ghuge Yogesh Bhaskar	39
23	B.A	Politics	Wagh Prasad Deepak	44
24	B.A	Politics	Rere Jalindar Ganpat	83
25	B.A	Politics	Nalwade Dnyaneshwar Baldeo	92
26	B.A	Politics	Darade Rahul Popatrao	98
27	B.A	Politics	Waghare Gitanjali Gulab	98
28	B.A	History	Lipte Pratiksha Bhausaheb	38
29	B.A	History	Khedkar Nitin Arjun	59
30	B.A	Geography	Kadam Swati Sanjay	64
31	B.A	Geography	Sonar Kunal Sanjay	72
32	B.A	Geography	Shamde Yashwant Namdeo	72

M.V.P. Samaj's
K.R.T.ARTS B.H. COMMERCE AND A.M. SCIENCE COLLEGE NASHIK-2
• UNIVERSITY RANK HOLDERS –2016 •

Sr. No	Class	Subject	Name	Rank
33	B.A	Geography	Patel Pallavi Arvindbhai	89
34	B.A	Music	Kshirsagar Dnyanshwar Vishwanath	11
35	B.A	Combined	Chaudhari Govind	33
36	B.A	Combined	Lone Kanchan Santu	57
37	B.A	Combined	Kapadne Narma Suresh	65
38	B.A	Combined	Salunkhe Dipali Udesingh	73
39	B.A	Combined	Sahare Shankar Janardhan	75
40	B.Com	Business Administration	Loya Kajal Sanjay	9 th
41	B.Com	Business Statistics	Loya Kajal Sanjay	9 th
42	B.Com	Co-operation & Rural Development	Pawar Pravin Fakira	1 st
43	B.Com	Co-operation & Rural Development	Ghane Kiran Bhaskar	4 th
44	B.Com	Co-operation & Rural Development	Patil Manisha Ramesh	5 th
45	B.Com	Co-operation & Rural Development	Rayate Satish shashikant	6 th
46	B.Com	Co-operation & Rural Development	Sagarkumar Umesh Singh	8 th
47	B.Com	Insurance, Transport & Tourism	Gumbade Kiran Manohar	1 st
48	B.Com	Insurance, Transport & Tourism	Lashkare Anand Tukaram	2 nd
49	B.Com	Insurance, Transport & Tourism	Lashkare Vijay Sangram	2 nd
50	B.Com	Insurance, Transport & Tourism	Gomase Dnyaneshwar Kailas	4 rd
51	B.Com	Insurance, Transport & Tourism	Thakare Rameshwar Ambadas	5 th
52	B.Com	Insurance, Transport & Tourism	Dhage Kiran Ashok	6 th
53	B.Com	Insurance, Transport & Tourism	Vise Ashvini Sandip	7 th
54	B.Com	Agri. & Industrial Economics	Dive Sanjay Lahanu	1 st
55	B.Com	Agri. & Industrial Economics	Pagare Neha Bhagwan	2 nd
56	B.Com	Agri. & Industrial Economics	Shere Tejashri Devidas	3 rd
57	B.Com	Agri. & Industrial Economics	Kasabe Mohan Hiraman	4 th
58	B.Sc	Geography	Bagul Amol Shanataram	9 th
59	B.Sc	Microbiology	Chandak Ashita Gopal	10 th
60	B.Sc	Biotech	Mascarenhas Payal Rolphy	1 st
61	B.Sc	Biotech	Hiray Aishwarya Rajaram	7th
62	M.Com	—	Verma Renu Jilajeet	7th

M.V.P. Samaj's
K.R.T.ARTS B.H. COMMERCE AND A.M. SCIENCE COLLEGE NASHIK-2
• UNIVERSITY RANK HOLDERS –2017 •

Sr. No	Class	Subject	Name	Rank
1	M.Sc.	Biotechnology	Chawala Monika Rajkumar 1) " Hon'ble Ex.Vice Chancellor Dr. W.N.Gade Goldmedal " 2) Umakant Baxi Meritorious Gold Medal	1
2	M.Sc.	Biotechnology	Gosavi Rashmi Balgir	6
3	M.Sc.	Biotechnology	Aher Surabhi Bharat	10
4	M.Sc.	Mathematics	Khatr Manisha Prakash lal	4
5	M.Sc.	Geography	Ahire Priyanka Dhondirao	9
6	M.Sc.	Botany	Khan Shazeen Mohammad	6
7	M.Sc.	Botany	Wani Swati Arjun	9
8	M.Sc.	Botany	Dighe Jyoti Raosaheb	10
9	M.Sc.	Electronics	Khilari Meena Appasaheb	7
10	M.Sc.	Environmental Sci.	Patil Chetan Ashokrao	5
11	M.Sc.	Environmental Sci.	Ekhande Mahesh Pandurang	
12	M.Sc.	Environmental Sci.	Naik Shruti Sachin	8
13	B.Sc.	Geography	Hire Priyanka Pramodkumar	1
14	B.Sc.	Geography	Yadav Deepilca Shriramavadh	2
15	B.Sc.	Geography	Jadhav Natalia Chandrakant	3
16	B.Sc.	Geography	Khan Amir Kassam	6
17	B.Sc.	Geography	Jadhav Aswini Nivrutti	9
18	B.Sc.	Animation	Tejale Snehal Pramod	5
19	B.Com.	Co-operation & Rural Development	Charaskar Sachin Natthu	1
20	B.Com.	Co-operation & Rural Development	Hinde Poonam Shashikant	2
21	B.Com.	Co-operation & Rural Development	Chavan Tejaswi Sunil	
22	B.Com.	Co-operation & Rural Development	Palva Manisha Eknath	5
23	B.Com.	Co-operation & Rural Development	Kharde Bhushan Sanjay	8
24	B.Com.	Co-operation & Rural Development	Wagh Mayuri Rajendra	9
25	B.Com.	Co-operation & Rural Development	Mondhe Neha Balkrushna	10
26	B.Com.	Agricultural & Industrial Economics	Sangamnere Nivrutti Dattu	1
27	B.Com.	Agricultural & Industrial Economics.	Gaikwad Kalyani Jitendra	2
28	B.Com.	Agricultural & Industrial Economics	Kedar Priti Vilas	3
29	B.Com.	Agricultural & Industrial Economics	Gawanda Arun Nivrutti	4
30	B.Com.	Agricultural & Industrial Economics	Jondhale Jayshree Bhausaheb	5
31	B.Com.	Agricultural & Industrial Economics	Mankar Rushikesh Gokul	6
32	B.Com	Agricultural & Industrial Economics	Pekhale Akshay Ramrao	7
33	B.Com	Agricultural & Industrial Economics	Gatwe Ashwini Suresh	8
34	B.Com	Agricultural & Industrial Economics	Thoke Yogesh Ganpat	9

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K.R.T.ARTS B.H. COMMERCE AND A.M. SCIENCE COLLEGE NASHIK-2
• UNIVERSITY RANK HOLDERS –2017 •

Sr. No	Class	Subject	Name	Rank
35	B.Com	Agricultural & Industrial Economics	Pingale Pranav Somnath	10
36	B.Com	Insurance,Transport & Tourism	Shinde Akshay Hiranman	1
37	B.Com	Insurance,Transport & Tourism	Sharma Sangeeta Harikishor	2
38	B.Com	Insurance,Transport & Tourism	Chaure Vaishali Rajaram	3
39	B.Com	Insurance,Transport & Tourism	Thete Aniket Dattatray	4
40	B.Com	Insurance,Transport & Tourism	Thete Madhuri Arun	5
41	B.Com	Insurance,Transport & Tourism	Dhumal Kiran Kishor	6
42	B.Com	Insurance,Transport & Tourism	Sonawane Aishwarya Rajenra	7
43	B.Com	Insurance,Transport & Tourism	_ Chavan Nitin Chhagan	8
44	B.Com	Insurance,Transport & Tourism	Deore Suverna Krushnasingh	8
45	B.Com	Insurance,Transport & Tourism	Pekhale Priyanka Ramesh	9
46	B.Com	Computer Application	Potkule Devendra Baburao	6
47	B.A.	Music	Mandle Aastha Parag	1
48	B.A.	Music	Bhusare Sonali Somnath	5
49	B.A.	Music	Gite Sachin Dnyaneshwar	6
50	B.A.	Music	Yeola Jidnyasha Arun	7
51	B.A.	Sociology	Gawali Minakshee Dinkar	2
52	M.A.	Hindi	Derle Rupali Sahebrao	5
53	M.A.	Psychology	Gaikwad Nilima Rajaram	10
54	M.A.	Sociology	Gangode Pooja Hiranman	7

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K.R.T.ARTS B.H. COMMERCE AND A.M. SCIENCE COLLEGE NASHIK-2
• UNIVERSITY RANK HOLDERS –2018 •

Sr. No	Class	Subject	Name	Rank
1	M.Sc.	Biotechnology	Payal Mescarehans	Gold Medal
2	B.Com.	Agrigultural & Industrial Economics	Kathawate Ganesh Ramdas	1
3	B.Com.	Agrigultural & Industrial Economics	Khandre Shubham Kalidas	2
4	B.Com.	Agrigultural & Industrial Economics	Sonawane Saurav Kiran	3
5	B.Com.	Agrigultural & Industrial Economics	Pawar Kaminee Kalidas	4
6	B.Com.	Co-Operation & Rural Development	Deore Vandana Suresh	4
7	B.Com.	Co-Operation & Rural Development	More Priyanka Pravin	5
8	B.Com.	Co-Operation & Rural Development	Jagtap Dipali Anil	6
9	B.Com.	Co-Operation & Rural Development	Bagul Vaishnavi Vilas	7
10	B.Com.	Co-Operation & Rural Development	Kale Madhuri Dattary	8
11	B.Com.	Co-Operation & Rural Development	Kapse Vedant Hemant	10
12	B.A.	Hindi	Gorde Jyoti Sukdev	10
13	B.A.	Politics	Gulve Sham Nivrutti	7
14	B.A.	Music	Jadhav Arjun Vikram	4
15	B.A.	Music	Sonawane Dnyaneshwar Uttam	5
16	B.A.	Music	Ranade Snehal Kashinath	6
17	B.A.	Music	Gosavi Pooja Jalandar	7
18	M.A.	Hindi	Prajapati Renuka Kailas	2
19	M.A.	Hindi	Pagare Jyoti Shankar	8
20	M.A.	Sociology	Sharma Kusum Ramcharan	4
21	M.A.	Sociology	Ahire Priyanka Sudam	7
22	MJMC	Combined	Thakare Vishakha Shankar	5
23	B.Com.	Co-operation & Rural Development	Charaskar Sachin Natthu	1
24	B.Com.	Co-operation & Rural Development	Hinde Poonam Shashikant	2
25	B.Com.	Co-operation & Rural Development	Chavan Tajaswi Sunil	4
26	B.Com.	Co-operation & Rural Development	Palva Manisha Eknath	5
27	B.Com.	Co-operation & Rural Development	Kharde Bhushan Sanjay	8
28	B.Com.	Co-operation & Rural Development	Wagh Mayuri Rajendra	9
29	B.Com.	Co-operation & Rural Development	Mondhe Neha Balkrushna	10
30	B.Com.	Insurance, Transport & Tourism	Shinde Akshay Hiranman	1
31	B.Com.	Insurance, Transport & Tourism	Sharma Sangeeta Harikishor	2
32	B.Com.	Insurance, Transport & Tourism	Chaure Vaishali Rajaram	3
33	B.Com.	Insurance, Transport & Tourism	Thete Aniket Dattatraya	4
34	B.Com.	Insurance, Transport & Tourism	Thete Madhuri Arun	5
35	B.Com.	Insurance, Transport & Tourism	Dhumal Kiran Kishor	6
36	B.Com.	Insurance, Transport & Tourism	Sonawane Aishwarya Rajendra	7
37	B.Com.	Insurance, Transport & Tourism	Chavan Nitin Chhagan	8
38	B.Com.	Insurance, Transport & Tourism	Deore Suvarna Krushnasingh	8
39	B.Com.	Insurance, Transport & Tourism	Pekhale Priyanka Ramesh	9

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K.R.T.ARTS B.H. COMMERCE AND A.M. SCIENCE COLLEGE NASHIK-2
• UNIVERSITY RANK HOLDERS –2018 •

Sr. No	Class	Subject	Name	Rank
40	B.Com.	Computer Application	Potkule Devendra Baburao	6
41	B.Sc.	Animation	Snehal Pramod Tejale	5
42	B.Sc.	Geography	Hire Priyanka Pramodkumar	1
43	B.Sc.	Geography	Yadav Deepika Shriramavadh	2
44	B.Sc.	Geography	Jadhav Natalia Chandrakant	3
45	B.Sc.	Geography	Khan Amir Kassam	6
46	B.Sc.	Geography	Jadhav Ashwini Nivrutti	9
47	B.Sc.	Combined	Wable Saurabh Jagdish	5
48	B.Sc.	Combined	Wagh Kaveri Rajendra	8
49	B.Sc.	Chemistry	Jadhav Pooja Laxman	2
50	B.Sc.	Physics	Wable Saurabh Jagdish	8
51	B.Sc.	Zoology	Patil Shweta Santosh	9
52	B.Sc.	Geology	Raut Prashant Arjun	9
53	B.Sc.	Statistics	Lopes Rokey Jose	9
54	B.Sc.	Geography	Jadhav Tanmay Sanjay	8
55	B.Sc.	Geography	Bochare Priyanka Bharat	9
56	B.Com.	Computer Application	Mauraya Umadevi Jagdishprasad	7
57	B.Com.	Insurance, Transport & Tourism	Borse Soniya Prakash	1
58	B.Com.	Insurance, Transport & Tourism	Pawar Kaveri Narayan	2
59	B.Com.	Insurance, Transport & Tourism	Bhoye Shubham Sunil	3
60	B.Com.	Insurance, Transport & Tourism	Vispute Parag Subhash	4
61	B.Com.	Insurance, Transport & Tourism	Kasar Sudarshan Ashok	5
62	B.Com.	Insurance, Transport & Tourism	Bhosale Kalpana Sudam	6
63	B.Com.	Insurance, Transport & Tourism	Gosavi Lalita Ramdas	7
64	B.Com.	Insurance, Transport & Tourism	Jore Nikhil Prakash	8
65	B.Com.	Insurance, Transport & Tourism	Kamble Prasad Ramdas	9
66	B.Com.	Insurance, Transport & Tourism	More Kailas Rohidas	10

- **FUTURE PLANS**

- Introducing programs in Bio-informatics, DNA Barcoding, Proteomics and Drug Chemistry, Green Chemistry etc.
- Research Incubation Center
- Inclusion of NMR facility in Central Characterization center
- IPR training center
- Organizing more National and International seminars and conferences
- More use of technology in governance, teaching & learning
- Focus on value based education, IT infrastructure
- Alumni Resource Center.
- Generation of funds through consultancy
- Encouraging mobility among faculty and students.
- Cutting edge Research : Immediate solution to social problems.

• **STAFF LIST**

17.TEACHING FACULTY

SR.NO	NAME
1	Dr.V.B.Gaikwad Principal
2	DR.M.P.SHINDE
3	D.D.JADHAV
4	DR.D.D.KAJALE
5	DR.S.R.LABHADE
6	DR.N.D.GAIKWAD
7	DR.S.S.GAIKWAD
8	DR.R.R.KALE
9	D.G.BAHIRAM
10	DR.G.H.JAIN
11	DR.M.K.DEORE
12	DR.S.R.GADAKH
13	SMT.S.N.KHAIRNAR
14	S.K.MARATHE
15	DR.G.J.MOGAL
16	SMT BUWA S. V.
17	SHIRSHAT S.R.
18	DR PAWAR N. K.
19	S.S.BANDGAR
20	DR.P.D.HIRE
21	SMT.S.K.JADHAV
22	S.S.DEMSE
23	G.G.PATIL
24	V.R.KAKULTE
25	DR.SMT.S.M.MAGDUM
26	DR.S.A.GURULE
27	DR.SMT.S.K.TIDME
28	SMT.P.A.DHAGE
29	DR BHAGAT A.P.
30	ANDHALE R.B.
31	YEOLE A.K.
32	DR.SMT.M.D.SONAWANE
33	DR.V.B.KADAM
34	DR.K.N.GAIKWAD
35	DR.D.S.KHANDBAHALE
36	SMT M.R.BHAMARE
37	K.M.KHALKAR
38	DR.SMT.S.N.PATIL
39	DR.S.H.PATIL
40	DR.SMT.P.P.WAGH
41	SMT.V.A.TILE
42	DR.S.G.PAWAR
43	DR.D.P.PATIL

SR.NO	NAME
44	SMT.A.K.SHINDE
45	C.P.SIRORE
46	SMT.N.V.KHANGAR
47	D.B.UPHADE
48	DR.K.P.AMRUTKAR
49	DR.G.S.PHAD
50	P.V.JADHAV
51	DR.S.D.PAGAR
52	DR.V.B.KALE
53	DR.B.L.GADAKH
54	DR.R.P.GUNJAL
55	B.R. TAMBE
56	P.N. SUDEWAD
57	T.C.PATIL
58	DR.Y.R.GANGURDE
59	DR S.K.BINNOR
60	S.M.RATHOD
61	DR.D.P.PAWAR
62	DR.S.V.JADHAV
63	DR.B.S.DHOKE
64	SMT.M.P.BHAVAR
65	DR,P.V.KOTAME (Vice. Prin)
66	M.D.PAWAR
67	U.L.JADHAV
68	S.T.BHAMARE
69	S.C.SHELAR
70	DR.SMT.K.M.AHIRE
71	R.J.NIKAM
72	SMT.RUBY.C.UNIYAL
73	DR.S.D.SAVALE
74	D.H.SHINDE
75	S.P.ADHAV
76	A.S.KAPADI
77	DR.A.A.GAIKWAD
78	DR.V.B.BORSATE
79	D.V.DOKHALE
80	G.R.PATIL
81	DR J.K.SALI
82	DR.B.A.SHELAR
83	SMT.A.D.GAWALE
84	Y.K.CHAUDHARI
85	SHARAD.S.PATIL
86	SMT AHER ASHWINI MADHUKAR

SR.NO	NAME
87	SMT AHIRE AKANKSHA GOPAL
88	SMT ANAWAT VITTHAL KACHARU
89	SMT BAPAT GAYATRI SAMEER
90	BHAMARE YOGESH RAMESH
91	SMT BIDVE SUCHETA CHANDRAKANT
92	BORSE SUCHETA POPATRAO
93	SMT BURHADE SHWETA NANDKUMAR
94	SMT CHANDAK ASHITA GOPAL
95	SMT CHAUDHARI MUKUL RAMDAS
96	SMT CHAVANKE SANGITA BABURAO
97	CHOUDHARI PRIYANKA SUBHASH
98	SMT DEODHE DARSHAN BHASKAR
99	DEORE DEVYANEE RAJENDRA
100	SMT DHAMANE SUVARNA P.
101	SMT GANGURDE MANGESH VISHWANATH
102	SMT GANGURDE JYOTI HARIBHAU
103	SMT GAVALI MADHURI HARIBHAU
104	GHOTEKAR BAPURAO KEDARNATH
105	GHOTEKAR SATISH KACHARU
106	SMT GOLE PRAVIN BHASKAR
107	DR GURULE AKANKSHA CHANGDEO
108	SMT HANDORE AMOL RAMDAS
109	SMT HAWALE CHHAYA TRAYAMBAK
110	SMT HOLAY YOGESHKUMAR SUDHAKAR
111	SMT JADHAV VIKAS DILIPRAO
112	SMT JADHAV GHANSHYAM RATAN
113	SMT JADHAV AMRUTA UTTAMRAO
114	KADLAG DHANANJAY NAVNATH
115	KHAIRNAR ANIL GULABRAO
116	KHALKAR ASHWINI DILIP
117	KSHIRSAGAR SANDIP SHIVAJI
118	LABHADE CHHAYA KASHINATH
119	MISS MAHALE KESHAV ABASAHEB
120	SHRI MALODE SHASHIKANT BHAUSAHEB
121	MANTRY AARTI SUDHIR
122	MOGAL VARSHA SHARAD
123	SMT NAKIL PRITAM RAVIKANT
124	SMT NIKAM SANKET SARJERAO
125	NIKAM SAGAR APPASAHEB
126	NIMSE MEENAKSHI BHIVAJI
127	PADVI SANGITA MURLIDHAR
128	SHRI PAGAR DHANASHRI MADHUKAR
129	PAGAR SAMBHAJI RAMRAO
130	PARASHARE VIBHAVARI MANISH
131	Parkhe Sagar Gangadhar

SR.NO	NAME
132	PATIL POONAM SHYAM
133	PATIL SHWETA SURESH
134	SMT PAWAR ASHRUTI UDAYSINH
135	SMT PAWAR RUCHA KRUSHNARAON
136	SMT PAWAR NILIMA KESHAVRAO
137	SMT PAWAR POOJA SHAYMKANT
138	DR. Pawar Swati Balasaheb
139	SMT PIMPALWADKAR AMRUTA DILEEP
140	RAJEBHOSALE BHARATI SUDHAKAR
141	RAVAL RAMNATH RAVINDRANATH
142	SMT RAYATE NISHA SOPAN
143	ROTE RAMHARI VISHNU
144	SMT SAYYED SANIYA ALTAMASH
145	SHEDE KANCHAN SURESH
146	SHEWALE SNEHAL ASHOK
147	SMT SHINDE REVATI SURESH
148	SMT SHINDE VRUSHALI SHYAMRAO
149	SHRI SHINDE VISHAL GANGADHAR
150	SHINDE UMESH BALASAHEB
151	SHINDE PRATIK VASANT
152	SMT SINGH POOJA
153	SONAWANE SHARAYU OMPRAKASH
154	SMT SONAWANE HIMANI JAYANT
155	DR. DHOKRAT VIBHAVARI TUKARAM
156	KAKLIJ DEEPALI GORAKH
157	TILE SANDIP VITTHAL
158	TIPAYALE SAURABH DINKAR
159	WAGH KRISHNA PANDITRAO
160	SMT WAGH KRISHNA RAJENDRA
161	WATPADE SAGAR SHANTARAM
162	SMT BILDIKAR TEJAS SHASHIKANT
163	SMT DESHMUKH PRIYANKA DATTATRAY
164	SMT GILLURKAR NAMRATA DEVENDRA
165	KAHANDAL AKASH DAGUJI
166	SMT KALE NEHA RAHUL
167	KAYANDEPATIL CHAITANYA GANGADHAR
168	KULKARNI CHITRA ANKUR
169	SMT MALPURE MAITHILI SUDHAKAR
170	SMT NERKAR ASHWINI SUHAS
171	NIKAM RAHUL SHANKAR
172	PAGARE RAHUL KRISHNA
173	SMT PEKHALE SAGAR VIJAY
174	SANAP GOKUL CHHABURAO
175	SASANE SACHIN JAGANNATH
176	SMT TARGE SAPNA SHASHIKANT

SR.NO	NAME
177	THAKARE VIISHAKHA
178	SMT AHIRE KAILAS DEORAM
179	BAGUL KANCHAN YOGESH
180	BHOLAY AVINASH DINESHKUMAR
181	SMT BORDE SUNITA SURESH
182	SMT CHAUDHARI RATNA SADASHIV
183	SMT CHAVAN JAGRUTI RAMNATH
184	DAREKAR BHARAT BABURAO
185	SMT DAUND ROHINI VIJAY
186	DEORE SUNITA NIMBA
187	SMT DERLE MONALI SHIVAJI
188	DERLE DEEPAK RADHAKRUSHNA
189	DERLE SATISH PANDHARINATH
190	GHORPADE SMITA JAYVANTRAO
191	INGALE PRACHI RAJARAM
192	SMT JADHAV DEEPALI RAJENDRA
193	JADHAV VAISHALI VITTHAL
194	JADHAV NITIN KALYANRAO
195	KADAM PRASHANT RAMESHWAR
196	SMT KAKAD YOGITA CHETAN
197	KANADE VIVEK SOMNATH
198	SMT KAPSE ROHINI SHUBHASH
199	KASBE MOHAN HIRAMAN
200	KHAWALE SAURABH DINKARRAO
201	SMT KOHOK ASHWINI DEEPAK
202	DR. PALLAVI SAMIR YEOLEKAR
203	SMT KSHIRSAGAR SARIKA SHIVAJI
204	KUYATE SHITAL PRATAP

SR.NO	NAME
205	MAHALE BHARATI NIVRUTTI
206	MAHATME JYOTI ANIL
207	MISHRA RAVI RAJESH
208	SMT MOGAL ARCHANA RAMESHWAR
209	SMT MOGAL MADHURI SHIVRAM
210	MORE AJIT VISHWAS
211	SMT MORE KIRTI DINKAR
212	DR. NALAWADE PRAVIN MUKUND
213	PACHORKAR PRAJAKTA YOGESH
214	PARDESHI JAGDISH RAJARAMSINGH
215	PATIL PRIYA DHANRAJ
216	PATIL RAHUL ASHOK
217	PATIL SEEMA SAJANRAO
218	SMT PISOLKAR PRACHI MANGESH
219	RAHANE AMOL BABANRAO
220	RAYATE SEEMA SHIVAJI
221	RODE GANESH SUKDEV
222	SAKHALA SWAPNIL RAVILAL
223	DR. SALODKAR MADHAVI SATISH
224	SHELAR MADHUKAR NATHU
225	SHEWALE VAISHALI PANDITRAO
226	SHIRKE MEGHANA DEEPAK
227	SONAWANE PRATIMA VILAS
228	SMT TASKAR ASMITA LAXMAN
229	DR. UGALE SHARAD BALU
230	SMT VABALE KALYANI NANDU
231	SMT WAGH PADMINI SWAPNIL
232	SHRI UKADE SUBHASH RAMESH

18. NON-TEACHING STAFF :

SR. NO.	NAME	Desi.
1	V.T.GADAKH	H.CLERK
2	D.R.PATIL	Sr.Clerk
3	B.M.PATIL	Sr.Clerk
4	G.M.UGALE	Sr.Clerk
5	B.P.PAIK	Sr.Clerk
6	R.H.SAHANE	Jr.Clerk
7	SMT.S.K.BHOJ	Jr.Clerk
8	R.C.PAWAR	Jr.Clerk
9	S.M.THORAT	Jr.Clerk
10	R.P.AHIRE	Jr.Clerk
11	M.M.Gaikwad	Jr.Clerk
12	SMT.K.A.LAVHATE	Sr.Clerk
13	A.B.PATIL	Asstt.Lib.
14	A.N.BAJARE	Lib.Clerk
15	A.T.KHALKAR	Lib.Clerk
16	P.M.PATIL	Lib.Clerk
17	SMT.S.P.PINGALE	Lib.Clerk
18	U.S.DERLE	Lab.Asstt
19	R.K.DEORE	Lab.Asstt.
20	D.Y.JADHAV	Lab.Asstt.
21	S.Z.RAYATE	Lab.Asstt.
22	B.P.JAMDHADE	Lab.Asstt.
23	V.M.SANGAMNERE	Lab.Asstt.
24	S.J. JADHAV	Lab.Asstt.
25	D.S.WADAJE	Lib.Attendent
26	R.V.PAWAR	Lib.Attendent
27	B.S.MALEKER	Lib.Attendent
28	B.D.RAUNDAL	Lib.Attendent
29	V.V.PAWAR	Lib.Attendent
30	P.N.CHAVAN	Lib.Attendent
31	K.T.SANGAMNERE	Lib.Attendent
32	S.B.PATIL	Lib.Attendent
33	K.N.Chavan	Lib.Attendent
34	S.L.AHER	Lib.Attendent
35	S.A.GAIKWAD	Lib.Attendent
36	B.B.HIRE	Lib.Attendent
37	N.S..AHER	Lib.Attendent
38	D.D.PAGAR	Lib.Attendent
39	P.P.GAIDHANI	Lab.Attendent
40	D.D.AHIRE	Lab.Attendent
41	E.S.PINGALE	Lab.Attendent
42	K.N.JAGTAP	Lab.Attendent
43	S.M.LONDHE	Lab.Attendent
44	S.K.JAMDHADE	Lab.Attendent
45	R.N.KOKATE	Lab.Attendent
46	B.G.POTE	Lab.Attendent

SR. NO.	NAME	Desi.
47	A.W.SANGALE	Lab.Attendent
48	B.V.THETE	Lab.Attendent
49	D.K.SHELAR	Lab.Attendent
50	B.G.PARDESHI	Lab.Attendent
51	R.B.JADHAV	Lab.Attendent
52	R.S.THORAT	Lab.Attendent
53	N.R.SAVKAR	Lab.Attendent
54	J.E.DHIKALE	Lab.Attendent
55	V.H.MORE	Lab.Attendent
56	R.S.DHAVAL	Lab.Attendent
57	P.M.MANDALIK	Lab.Attendent
58	S.E.GITE	Lab.Attendent
59	A.M.GITE	Lab.Attendent
60	D.J.NIKAM	Lab.Attendent
61	S.K.DHAVAN	Lab.Attendent
62	R.V.RAYATE	Lab.Attendent
63	B.N.KHALKAR	Lab.Attendent
64	V.M.LOKHANDE	Lab.Attendent
65	R.G.AHER	Lab.Attendent
66	L.G.RATHOD	Lab.Attendent
67	B.V.AHER	Lab.Attendent
68	D.L.LABHADE	Lab.Attendent
69	R.B.DERLE	Lab.Attendent
70	G.T.THETE	Lab.Attendent
71	B.K.SHINDE	Lab.Attendent
72	S.P.WARGHADE	Lab.Attendent
73	E.M.DADEL	Lab.Attendent
74	M.D.TAMBE	Lab.Attendent
75	H.B. DARODE	Lab.Attendent
76	B.R.KARATE	Lab.Attendent
77	D.B.JADHAV	Peon
78	B.K.DEORE	Peon
79	T.B.DINDE	Peon
80	S.Y.NIRBHVNE	Peon
81	V.K.JADHAV	Peon
82	S.N.KALE	Peon
83	S.S.GHULE	Peon
84	D.K.SHIRSATH	Peon
85	A.G.PINGALE	Peon
86	T.K.SANAP	Peon
87	M.B.JEDHE	Peon
88	B.H.GUDRKHA	Peon
89	BAGUL SUMIT HIRAMAN	Jr.clerk
90	DATE RAVINDRA G.	Jr.clerk
91	DHONGADE VISHAL D.	Jr.clerk
92	GADAKH MAHESH .	Jr.clerk

SR. NO.	NAME	Desi.
93	KARE DEEPALI TANAJI	Jr.clerk
94	KUSHARE ROHINI RAMDAS	Jr.clerk
95	LABHADE SANDEEP B.	Jr.clerk
96	MAVAL SANJAY PUNDALIK	Jr.clerk
97	NIMBALKAR ASHA ANIL	Jr.clerk
98	PATIL PRABHAKAR S.	Jr.clerk
99	PATIL BHUSHAN B.	Jr.clerk
100	PATIL DIGAMBAR M.	Jr.clerk
101	RAYATE SANDEEP.	Jr.clerk
102	RAYATE RAHUL N.	Jr.clerk
103	SATPUTE LANKESH G.	Jr.clerk
104	SHELKE TUSHAR P.	Jr.clerk
105	SHIRSATH VAISHNAVI V.	Jr.clerk
106	SUNIL RAMKRISHNA	Jr.clerk
107	TAPKIRE KAVITA TUKARAM	Jr.clerk
108	THOKE ASHWINI J.	Data entry Opr.
109	THORAT SWATI GAJANAN	D.T.P. Opr.
110	DHIKALE ROSHAN N.	Life Guard-In.
111	KADAM PALLAVI D.	MESS INCHARGE
112	SINGH AMRUTA C	MPSC Centre Adm
113	YELAMAME NAVNATH L.	MPSC Centre Adm
114	BUNGE YOGESH VINAYAK	DRIVER
115	THETE DINESH DAULAT	DRIVER
116	AHER PAVAN POPATRAO	Peon
117	BENDKOLI DAULAT KHAND J	Peon
118	BHOKNAL DEEPAK R.	Peon
119	BOKAD ARJUN PANDIT	Peon
120	BOMBALE ANKUSH R.	Peon
121	BORADE MANIK B.	Peon
122	GAIKWAD GANESH V.	Peon
123	GAIKWAD AKKABAI V.	Peon
124	HADOLE DATTATRAYA A.	Peon
125	KHANDAVE GANESH P.	Peon
126	KHINDE SANDIP SANTU	Peon
127	KULTHE ATUL VILAS	Peon
128	LOKHANDE SHARAD R.	Peon
129	MALI BHAIYYA BABULAL	Peon
130	NIMBEKAR RESHMA S.	Peon
131	PAGAR VINOD R.	Peon
132	PATIL MANIK RANGNATH	Peon
133	PATIL SHARAD SHALIGRAM	Peon
134	PATIL ABHAY PADMAKAR	Peon
135	PAWAR RAMESHWAR S.	Peon
136	PIMPALKE ANIL R.	Peon
137	PINGALE SHARAD VISHNU	Peon
138	PITHE MOHAN SHANKAR	Peon

SR. NO.	NAME	Desi.
139	SANGAMNERE DEEPAK N.	Peon
140	SHINDE NARAYAN B.	Peon
141	SONAWANE SHASHIKANT J.	Peon
142	WATPADE RAVINDRA P	Peon
143	ZURDE KRUSHNA BALU	Peon
144	ASHWARE HARISH V	PeonCum Sweeper
145	GAIKWAD GUNAJI SULAB	PeonCum Sweeper
146	BENDKULE ROSHAN P.	PeonCum Watchman
147	BHAMBARE SAURABH B.	PeonCum Watchman
148	BHOYE KAILAS KESHAV	PeonCum Watchman
149	CHAUGHULE UTTAM S.	PeonCum Watchman
150	GANGODE SACHIN P.	PeonCum Watchman
151	GOHAD PRADIP M.	PeonCum Watchman
152	JADHAV RAHUL R.	PeonCum Watchman
153	KAPADNIS KAILAS DAJI	PeonCum Watchman
154	MAHALE AJAY BARKU	PeonCum Watchman
155	PAGAR MANGALA B.	PeonCum Watchman
156	PATIL RUSHIKESH L.	PeonCum Watchman
157	PAWAR BALASAHEB D.	PeonCum Watchman
158	PAWAR AJIT BHAGWAN	PeonCum Watchman
159	SHEWALE AMOL VASANT	PeonCum Watchman
160	SHINDE BALU BHASKAR	PeonCum Watchman
161	SHINDE ASHOK V.	PeonCum Watchman
162	SURYAWANSHI LATA K.	PeonCum Watchman
163	BENDKULE YADAV T.	Security Guard
164	CHAROSKAR GOKUL BALU	Security Guard
165	DEORE ROSHAN KAILAS	Security Guard
166	GOTARANE GANGARAM D.	Security Guard
167	JADHAV KESHAV VILAS	Security Guard
168	MARKAND KISHOR A.	Security Guard
169	NEWARE ANKUSH SATISH	Security Guard
170	PAWAR YOGESH MUKUND	Security Guard
171	GANGURDE SUNANDA N.	Security Guard Cum-Peon
172	MOGAL SHRIPAT BARKU	Security Officer
173	BHAMBARE SACHIN WALU	Watchman
174	CHIKHALE GANESH DATTU	Watchman
175	DADEL DEEPAK M.	Watchman
176	GANGURDE GANESH D.	Watchman
177	LAVAND VILAS BHAGUJI	Watchman
178	MOGAL ROHAN PRALHAD	Watchman
179	PAGAR DIGAMBER M.	Watchman
180	KRISHNA BAIDHAR SAHOO	Cook

* Oc 9{Vkm *

- _r _mÂ`n OrdZXn{`Zr {df`r gXd HVk anhrZ.
- nmUr h OrdZ Anh, VgM nmUr h _në`dnZ Anh. nmUr \HQ {_iV hr YnaUn _r _ZmVZ HmTZ QmHsZ.
- nmÊ`mMm HmQH garZ dmnâ HarZ, Ê`mM~am~a Ob gdYZmgmRr H gmerZ à`ÊZ HarZ.
- nmÊ`mda _mÂ`n BVH mM BVamMmhr h, Anh. g_Ý`m`nZ gdmg mRr nmUr hr ^mdZn _r gW OmngZ.
- OrdZXn{`Zr àX{fV hmUma Znhr `ngmRr _r i`°e: à`ÊZ HarZ, VgM _mÂ`n ~Yi ^{JZtZn gÜXn `mMr OmUrd HvZ XBZ.
- gmSnmÊ`mÂ`n àýmMr VrdVm _bm g_Obb r AgZ KaJVr HmaUmgmRr _r H_rV H_r nmUr dmnarZ.
- YaUm_Ü`i Á`mMr Ka, eVr nmÊ`m mbr Jbr Anh Ê`mÂ`n {df`r _r gW HVk anhrZ.
- gdmgmRr nmUr `m à{H`V _r _mÂ`n ~Yi ^{JZtMm gh^mJ {_idrZ d`ngmRr {d{dY nmVirda Hm`i HaUmè`m gnWm, i`°s `mZn _r gXd ghHm`i HarZ.



* n`mdaU 9{Vkm *

- _mÂ`m ^ndVmbÂ`m n[aga _mPm Anh.
- n[agamVrb gma n`mdaU _mP Anh.
- n`mdaU ñdÀN, gXa d _Jb am Uè`m {ZgJmda _mP à_ Anh.
- _mÂ`m n[agamVrb g_ÜX Am{U {d{dYVZ ZQbè`m {ZgJmMm _bm A{^ _mZ Anh.
- n`mdaUmMm g_Vmb am Uè`m {ZgJmMm nmBH hÊ`mMr nmIVm _mÂ`m AJr `mnr àhUZ _r gXd à`EZ HarZ.
- _r _mÂ`m n[agamÀ`m, JmdÀ`m Am{U Xe mÀ`m n`mdaUmMm Vmb am Uè`m {ZgJmMm _mZ RdrZ Am{U Ê`mMr HmïOr KBZ.
- _mPm n[aga Am{U n[agamVrb n`mdaU `mÀ`mer {Zõm am Ê`mMr _r à{Vkm HarV Anh.
- n[aga Am{U n`mdaUmMm Vmb am Uè`m {ZgJmMm Am{U Zg{JH OrdZmMm {dHmg Am{U g_ÜXr ømVM _mP g_m>>` gm_mdb Anh.

SAVE WATER & ELECTRICITY



* g_mOJrV *

OZH ë` nUr Xh {POdZr bñO{db MXZñ
H_dra hm, kñZdra hm bñ■ bñ■ dXZñ
Våhmbñ bñ■ bñ■ dXZñ && Y. &&
F {fañOñZ añOfrZ bñ{d` br ū` nV
dgñ ū` nVrMñ KD Zr gñMñ nQ{dbñ nñV
{Xen{XenVZ KanKanVZ Anbr ZdOñJ
{Xg bñJbñ _Zñ_ZñVbñ _° sMñ _ñJ
{ZðVM hmV XJ
AVañVb ñ\ qbJ
V CRb CYïrV aJ
~hOZ {hVñ`, ~hOZ g■ñ` MV{dbr MVZñ
H_dra hm kñZdra hm bñ■ bñ■ dXZñ &&1&&
ZñJa QñHñ, ^ñbñ \ Hñ {eH dr {edan`ñ
Ë`ñM _ñVrda H gZr H ~a H é`ñ Zd{H _`ñ
{Zabg L_Zr HñT ■ UZr v Vbbr eë`
{Zðñ qenZ H v naUr hdr Zdr _ë`
7T{Zím` Egn H éZr
Hñ`ñV 9ñU AnVZr
An`î` {Xb PñH Zr
kñZ9embñ C^maÊ`mbñ {XbrV hm 9aUñ
H_dra hm kñZdra hm bñ■ bñ■ dXZñ &&2&&
_H ASñUr \ bd AJUr Ë`ñVZr hr {Oô
_ïñV A~bñ H v `ñ g~bñ YÝ` YÝ` ~rX
{Xi` Wñadr H Rbr Anñdr J\ñdr Jñadñ
Z_nUnZ EH _ñJU hÅ hmM nadñ
{Zanj Anbr H Vr
Vr gdñ^ñdr _Vr
Vr {Zðñ Vgbr YVr
g_mO{XZ hm gñW H am`ñ Úñ hm Úñ 9aUñ
H_dra hm, kñZdra hm bñ■ bñ■ dXZñ &&3&&

- H. 9ñ. LraJ JU