

John Wilson Education Society's

# Wilson College

[Estd.1832]

(Autonomous Minority Institution)
NAAC Re-accredited 'A' Grade



**PROSPECTUS (2025-26)** 





# **Our Vision**

To provide holistic education to a diverse student community, developing in them contemporary sensibilities, and preparing them to meet professional challenges as global citizens

# **Our Mission**

To nurture intellectually well- trained, morally upright, socially conscious and spiritually oriented learners



1.	About Wilson College
2.	College Facilities
3.	Bachelor of Arts Programmes1
4.	Bachelor of Science Programmes3
5.	Un-Aided Degree Programmes5
6.	Degree College Credits Matrix9



Experiential learning



Clean derive



Experiential learning



Microscopic learning - a vision to discover



Winning team



Annual Fest Glimpses



Annual Sports Day Glimpses



हर घर तिरंगा रॅली विल्सन महाविद्यालय, मुंबई



Wilson Placement Derive



वाचन संकल्प महाराष्ट्राचा



वाचन संकल्प महाराष्ट्राचा



Wilson Placement Derive



Sports Champions

# **Wilson College**

The legacy, continues...

As an educational institution back in 1832, it began as Ambrolie School in Girgaum, later witnessing several changes in site and name and eventually being called Wilson School, the collegiate section from which Wilson College evolved, started in 1836.

The founder of these institutions was Rev. John Wilson D.D., F.R.S. of the Scottish Missionary Society. John and his wife Margaret arrived in Bombay on February 14, 1829, learnt the local languages and with great zeal set up schools for boys and girls from all castes and classes.

John Wilson's work went beyond the field of education. He was a Linguist, an Orientalist, a Reformer, and an Author. In recognition of his service to the cause of education, social awakening, and scholarship, the Department of Archives. Government of Maharashtra, in 2000 posthumously honoured Dr. John Wilson as one of the Seven Founders of Modern Bombay.

The pioneering work in higher education began a quarter of a century before the establishment of any official body for this purpose. Dr. Wilson's vision and foresight saw the establishment of the University of Bombay in 1857. On 14th December, 1861, the collegiate section of the Wilson Institution under the name of Free General Assembly's Institution became the first privately owned, non-government institution to be affiliated to the University.

For many years, both the school and the college section were housed in one building, a site for the College was secured at Chowpatty and the present College building was opened on 14th March 1889 largely through the efforts of Dr. Mackichan. Thereafter the institute was called Wilson College. Several extensions were made subsequently, to meet the needs of an ever-expanding student community.

The high intellectual rigour and moral excellence of the people who guided the College, saw three of its first four Principals as Vice-Chancellors of the University of Bombay, followed by many distinguished alumni holding similar positions.

Fostering a tradition of liberalism and freedom, the Scottish Principals inspired many students to be at the centre stage of the Indian freedom struggle - Usha Mehta, Acharya Kriplani, S.A. Dange, Aloo Dastoor, B.G. Kher, to mention a few.

We are proud to have Prime Minister Morarji Desai along with other Bharat Ratna recipients P.V. Kane and D.K. Karve, and renowned Indian-English poet Nissim Ezekiel as alumni of this Institution.

In 1952, the Management of the College came under an autonomous Board of Governors in India. Since 1963, the College has been functioning under the Management of the John Wilson Education Society (JWES). Wilson College is a Christian Minority Institution under the Church of North India.

A three-year integrated programme leading to the Degree of Bachelor of Science (B.Sc.) was introduced by the University of Mumbai in June 1977.

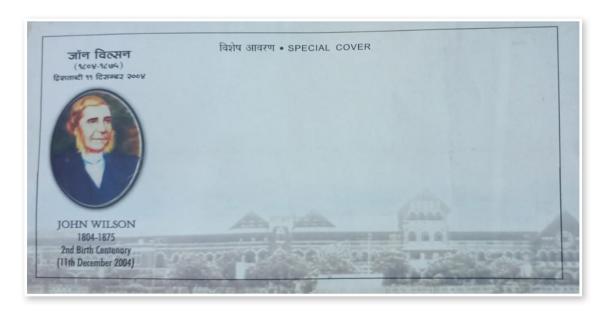
Today Wilson College is one of the few colleges in Mumbai which offer a wide array of undergraduate and postgraduate programmes in Arts, Science and Commerce, Management Studies, Mass Media, and Information Technology, B.A.F. and M.Sc. (IT). Some departments like Hindi, Chemistry, Microbiology, etc. offer Ph.D programmes.

The students of Wilson College are from nearly every ethnic, religious, and social group of the country. The diverse student body is our strength and a source of pride the contributes to an open learning environment.

The College Motto: Fides, Spes, Caritas - Faith, Hope, Love - Vishwas, Asha, Prem speaks of Faith in God, the Love that steers us through life and Hope that the College can achieve the utmost moral, spiritual, and intellectual excellence.

Wilson College has witnessed the turn of two centuries. In 2004, the Postal Department, Government of India honoured founder Dr. John Wilson by issuing a Special Postal Cover as a tribute to the journey of this diminutive school which started at the residence of Dr. Wilson and developed into a multi-disciplinary, University-affiliated College. In 2007, to commemorate the completion of its 175 glorious years, a stamp and first day cover of Wilson College was issued.

In February 2004, November 2011 and October 2017 the College was accredited 'A' Grade by NAAC, and in 2021 was granted autonomous status.



# **Wilson College is Autonomous**

The Wilson College has been a pioneer in the field of education since its inception in 1832. It has the distinction of contributing to the founding of the University of Mumbai 25 years later, some of the college principals having served as Vice Chancellors of the then Bombay University. Rising to meet the challenges of the changing modalities of education, the College completed 3 cycles of NAAC Accreditation, having being accredited with A Grades in all of them displaying its commitment to maintaining quality in education. Hence the decision to become an autonomous institution was inevitable. The UGC has conferred autonomous status to Wilson College for a period of ten years to be implemented progressively.

As Wilson College takes this momentous step into functioning autonomously from the academic year 2022-23, we are committed to effecting innovative, learner-centric reforms by upgrading the curriculum, revamping the system of evaluation and introducing academic extension certificate courses, among others.

Three unique programmes have been introduced: Wilson Social Responsibility (WSR) aims to provide learners with opportunities to serve the community at large. Muktangan Course (MAC) is intended to mobilise student talent. WSR carries two credits and MAC carries three: both non-academic, compulsory credits. The goal of the compulsory Foundation Course Life Skills Programme is intended to build constructive personal qualities, through an understanding of purpose, values, and core strengths leading to holistic growth to deal with 21st century opportunities and challenges besides inculcating ecological, social and cultural sensitivity to imagine a fair, sustainable and peaceful world. Besides these, to widen the basket of options for learners without a regional language base or with learning disabilities, Introduction to Computer Systems and Applications has been introduced as an addition to Anthropology.

Opportunities for professional growth presented itself to members of the faculty who contributed their expertise in the framing of learner-oriented, outcome-specific sets of syllabi for the programmes already being taught and in recommending the addition of more career-specific programmes and courses.

With our faith in the Almighty, and standing on the shoulders of stalwarts like the Revd. Dr. John Wilson and others who have gone before us, we renew our commitment to work efficiently and consistently for positive change to the greatest advantage of all stake-holders.

# **College Facilities**

- 1. The Chapel: Short prayer services are conducted every day during the morning and the afternoon recess in the Chapel. Apart from prayer service, special services are held during Christmas as well as at the beginning and the end of the academic year. The Chapel also provides counselling services. Chapel attendance is voluntary.
- 2. Wilson College Gymkhana: Wilson College has had an active tradition in sports such as Football, Cricket, Basketball, and Volleyball. Other sports such as Boxing and Athletics are also actively pursued. Wilson College is one of the few College s to have its own Gymkhana, which is situated at Marine Drive.



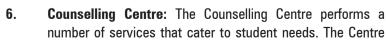
3. College Hostels: Mackichan Hall, the hostel for

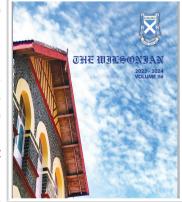


male students is located opposite the College. Pandita Ramabai Hostel for female students is situated about 500 meters from the College and is located behind the Gamdevi Police station.



- 4. The Library: It is the one of the best equipped libraries in the city with books covering a wide variety of courses, it also
  - has books of antiquarian value. Book Bank Facility is available to students. There is an Automated Book Catalogue available to check availability of books.
- 5. The Wilsonian: It is the College magazine which has been published annually since 1909. It is a record of College events and student achievements. Creative talents of students by way of poems, essays, articles, and short stories are published. The Wilsonian #108 (2015-2016) was awarded the Professor Chandgadkar prize for the category of Best College Magazine





also deals with stress-related problems and addresses mental health issues using individual and group counselling strategies. We have a full time student counsellor to help students with various problems.

- 7. Nature Club: Wilson College has one of the most active College nature clubs in India, consistently contributing to environmental awareness and conservation education.
- facilitates training programmes and offers opportunities for employment through campus placements and counsels students about future career prospects.
- 9. Student Council: The Student Council is constituted according to the Maharashtra University Act. It is a body consisting of student representatives (Top Rankers) of and representatives from the Gymkhana, Cultural Centre, NSS etc. The Principal is the ex- officio President of Student Council and Dean of Students is staff-in-charge of the Council.
- 10. Co-operative Education Programme: Unique to Wilson College, this seven-week intensive training programme includes hands-on work experience for a select group of S.Y.B.A./B.Sc. students. This programme marks an active interface between the College and corporate world.
- 11. National Service Scheme (NSS): The NSS organizes various community-oriented programmes to create awareness about social, educational, and environmental issues.
- 12. Andrew's Vision Centre: Enabling cell for learners with disabilities on campus. The centre provides technological support for the visually impaired learners. It also provides volunteer support as well as facilitates financial support for learners with disabilities on campus.
- Women's Development Cell: It conducts programmes and workshops to sensitise students to issues concerning gender equality.
- **14. Canteen:** Clean and hygienic food is available at affordable rates.
- 15. Rotaract Club of Wilson College: The Rotaract Club is an organization of young adults (between the age of 18 and 30) of different professional and educational backgrounds that is defined neither by religious nor political motives. Our College has its own Rotaract Club through which students can participate in many social service events which lead to the overall growth of the individual.



## **Implementation of N.E.P. 2020**

National Education Policy 2020 is being implemented in Wilson College since 23-24. Under NEP 2020, every student needs to acquire 20 to 22 credits in each semester.

In Wilson College, in the semester 1 and 2, students need to acquire 20 credits each. 2 credits are optional.

These credits need to be acquired under various NEP verticals.

These verticals include -

#### 1) DSC (Discipline Specific Courses):

Every student needs to select one major and one minor subject in the first semester while seeking admission.

The description of how to acquire these credits is given in the complete credit structure given below. The courses offered by each subject are also mentioned in the separate courses table.

The major subject is the one in which the student gets bachelor's degree.

Minor subject continues only till semester 4.

#### 2) SEC (Skill Enhancement Course) and VSC (Vocational Skill Course):

SEC and VSC courses are aligned with the major subjects. Each department offers SEC courses in semester 1 to 3 and VSC courses in semester 4 to 6.

#### 3) VEC (Value Education Course)

Every student needs to select one VEC in semester 1 and one in semester 3 from the given baskets. These courses are under NEP themes of 1) Environmental studies, 2) Understanding India, 3) Digital Technologies.

### 4) OE (Open Electives)

Every student need to acquire credits under Open Elective courses which are offered by other faculty departments. So an Arts student will have to choose from basket offered by Science departments, similarly Science students will have to choose from a basket offered by Arts departments.

**Visually challenged students** in the BA programme can select OE courses offered by Commerce departments.

Unaided departments have separate baskets for OE courses.

### 5) IKS (Indian Knowledge System)

Every student has to complete a generic IKS course, in semester 2.

### 6) CC/CEP/FP/OJT:

Every student needs to acquire these credits as mentioned in the credit structure. Separate instructions will be given to FY students regarding these in the induction programme.

# John Wilson Education Society's Wilson College (Autonomous)

Following credit structure is adopted by the NEP implementation committee for UG and PG courses.

Various different courses with their short forms mean following:

- Major = Major subject in which learner will be graduating
- DSC = Discipline Specific Core course
- DSE = Discipline Specific Elective
- Minor = Minor subject selected by learner
- OE/GE = Open Elective / Generic Elective (compulsory cross faculty course)
- VSC = Vocational Skill Course
- SEC = Skill Enhancement Course
- AEC = Ability Enhancement Course in English language and one Modern Indian Language
- VEC = Value Education Course
- IKS = Indian Knowledge System
- OJT = On-Job-Training
- FP = Field project
- RP = Research Project
- CC = Co-curricular Course
- CEP = Community Engagement Programme

# **NEP Credit Structure for Science (UG)**

Se- mester	Major DSC	DSE of Major	Minor	OE/ GE	vsc	SEC	AEC	VEC	IKS	OJT/FP/ RP /CC/CEP	Cumu- lative Credits	
I	2+2 (4 for Th) + 2 (Prl)		2+2 (4 for Th) + 2 (Pr)	2		2 (Pr)	2	2		2	22	CC is optional
II	2+2 (4 for Th) + 2 (Pr)		2+2 (4 for Th) + 2 (Pr)	2		2 (Pr)	2		2	2	22	CC is optional

# **NEP Credit Structure for Arts (UG)**

Semes- ter	Major DSC	DSE of Major	Minor	OE/GE	vsc	SEC	AEC	VEC	IKS	OJT/FP/ RP/CC/C EP	Cum- mula tive Credits	
I	3+3		3+3	2		2	2	2		2	22	CC is op- tional
II	3+3		3+3	2		2	2		2	2	22	CC is op- tional

# **NEP Credit Structure for Commerce (UG)**

Semes- ter	Major DSC	DSE of Major	Minor	OE/GE	vsc	SEC	AEC	VEC	IKS	OJT/ FP/ RP/ CC/C EP	Cummu- la tive Credits	
I	3+3		3+3	2		2	2	2		2	22	CC is op- tional
II	3+3		3+3	2		2	2		2	2	22	CC is op- tional

### **NEP Credit Structure for PG Science**

Se- mest er	Mandatory 1	Mandatory 2	Mandatory 3	Mandatory 4	Elective	RM	OJT/FP	RP	Cumu- lative Credits
I	4 (Th)	4 (Th)	2+2 (Pr) / 4 (Th)	2 (Pr) (if 4 credit theory in Manda- tory 3)	2 (Th) + 2 (Pr)	4			20/22
II	4 (Th)	4 (Th)	2+2 (Pr)/ 4 (Th)	2 (Pr) (if 4 credit theory in Manda- tory 3)	2 (Th) + 2 (Pr)		4		20/22
Total after 1 year	8	8	8		4	4	4		40/44
III	4 (Th)	4 (Th)	2+2 (Pr) / 4 (Th)	2 (Pr) (if 4 credit theory in Manda- tory 3)	2 (Th) + 2 (Pr)			4	20/22
IV	4 (Th)	4 (Th)	2+2 (Pr) / 4 (Th)	-	2 (Th) + 2 (Pr)			6	22
Total after 2 years	16	16	16		16	4	4	10	82/88

# **NEP Credit Structure for PG (Arts, Commerce)**

Semester	Mandatory 1	Mandatory 2	Mandatory 3	Elective	RM	OJT/FP	RP	Cumulative Credits
1	4 (Th)	4 (Th)	4 (Th)	4 (Th)	4			20
II	4 (Th)	4 (Th)	4 (Th)	4 (Th)		4		20
Total after 1 year	8	8	8	4	4	4		40
III	4 (Th)	4 (Th)	4 (Th)	4 (Th)			4	20
IV	4 (Th)	4 (Th)	4 (Th)	4 (Th)			6	22
Total after 2 years	16	16	16	16	4	4	10	82

# **Arts Programmes**

# **Courses Offered (in Arts Departments)**

**Degree Courses Offered F.Y.B.A. (6 Papers):** 

Major*	Minor*	Seats	
History	Sociology	15	75
	Economics	15	
	Political Science	15	
	Hindi	10	
	Marathi	10	
	English	10	
Sociology	Economics	20	70
	Political Science	10	
	Hindi	10	
	Marathi	15	
	History	15	
Economics	Political Science	15	40
	Sociology	10	
	History	15	
Political	Hindi	10	40
Science	Sociology	10	
	Economics	10	
	Philosophy	10	
English	History	15	55
Literature	Political Science	15	
	Sociology	10	
	Philosophy	15	

| 12 |

Philosophy	English Literature	20	40
	Political Science	20	
Marathi	Hindi	5	10
Literature	Sociology	5	
Psychology	Philosophy	25	70
	History	20	
	English Literature	5	
(TY Unaided)	Sociology	20	
		400	
Total			400

<sup>\*</sup>Note: - Students taking admission for Major Psychology are not permitted to change their major subject till T.Y.

After completing FY, the SY admission to certain subjects as a major will be based on:

- 1. Number of seats allotted to the Department
- 2. Merit of the student in that particular subject
- 3. Capping of seats
- 4. Current Institution Policy

<sup>\*</sup> FYBA/BSc Courses (NEP Combinations) will be treated as Course 1 and 2 instead of Major and Minor, since both courses have equal credits.

# **Arts Departments**

#### 1. Department of Economics

The department of Economics was well established by 1913 and was privileged to be blessed by the presence of C.N. Vakil, H.L. Dantwala, V.K.R.V Rao. The department is inspired to carry on their legacy. In keeping with the vision and mission of the college, the faculty of the department strive to achieve the following objectives;

- To empower students with skills and knowledge to face the challenges of the fast changing global economic scenario.
- To nurture confidence with a sense of personal worth in students in order to develop their capabilities and potentialities.
- To provide holistic and inclusive education for all.
- To make learning contemporary and relevant.
- To encourage students to achieve academic excellence.
- To train students in quantitative techniques for economic analysis.
- · To train students to think critically on economic issues.

#### **Activities**

The department along with it's dynamic student forum Arthiki, organizes various activities throughout the year like guest lecture sessions, quizzes, essay writing competitions, meme making and poster making competitions, film and documentary screenings, book reviews, field visits, career guidance sessions, webinars, collaborative lectures with other colleges etc.

The department adopts a participatory student- teacher as well as student- student approach to learning. Furthermore, group presentations, reading of economic scenarios as well as commenting/critiquing on Economic Policy formulations are other ways in which knowledge is imparted. The department also provides academic support to prepare students for Postgraduate entrance tests and other competitive examinations.

Arthiki organized its first annual fest titled "Festa Dell'economia" on 6th, 7th and 8th January 2022. The three-day annual event included the following events: Debate Competition, Game Night, Budget/Policy Making, Meme Making Competition, Article Writing Competition, Sessions and an Alumni Meet. Overall the fest enabled both undergraduate and postgraduate students to showcase their knowledge in the area of economics, compete, achieve and succeed. This enabled them to immerse themselves in the world of everyday economics by applying it to real life situations.

#### Alumni-

The department has consistently involved our alumni to conduct sessions, talks, guest lectures and career guidance. Our alumni are pursuing careers in Teaching, Banking and Consultancy, Corporate Financial Analysts, Market Research Analysts, Actuarial Analysts or working for NGOs, policy-oriented institutions (government & other international institutions) conducting R&D etc.

#### 2. Department of English

Although the Department of English, Wilson College was officially established in 1836, English was among the first subjects taught by our founder the Revd Dr John Wilson and his wife Mrs Margaret Wilson in 1832, when they first made their foray into education in Mumbai.

The Department of English now offers a range of courses including Literature in English of various periods in history, Indian and American Literature, Literary Criticism, Mass Communication, Communication Skills, Popular Culture and Film and Literature.

Literature offers insights into culture, society and politics across the globe and tracks the development of ideas, philosophy and the human psyche across ages. The study of Literature leads learners to an understanding of the significance of literature in defining culture, the human being, value systems and helps build empathy. Critical thinking, one of the higher order skills, is among the primary objectives of the department.

With the vocational focus of courses like Mass Communication, Business Communication, Popular Culture and Film and Literature, literature graduates are job ready and can also easily gain admission into a wide array of higher education programmes both at Universities in India and abroad.

Excellent co-curricular activities in the form of regular Masterclass series, guest lectures, creative writing workshops, readings and talks by visiting writers and filmmakers, general workshops, the VRG (Virtual Reading Group on Discord) and the Virtual Movie Club(On Discord) Graduates of the department have a range of employment opportunities in publishing, media, law, education, politics, advocacy and others.

Ms Vinita Mathew is the head of the department, who has completed her doctoral research with the University of Mumbai. She has presented and published research papers at various conferences. She teaches Communication Skills in the first year, Mass Communication and American Literature to second year students and 19th Century Literature as well as Renaissance Literature to TYBA students. She is the Chief Editor of the department magazine, The Literati.

Ms Veronica Bhonsle too is a senior faculty member. She is an approved post-graduate teacher. She teaches Communication Skills at the FYBA, Business Communication and Indian Writing in English to SYBA students and Renaissance Literature and Literature Criticism to TYBA students.

#### 3. Department of Hindi

The Hindi Department was established in 1955. It is a well known department of Mumbai and also is a Ph. D recognized center. Currently Dr. Satyawati Chaubey is Head of the Department.

Some special facilities for learners in the department are Departmental Library with 250+ reference books and MUKTANGAN- through which the literary talent of students are showcased. 1

Department aims to make students more comfortable in Hindi language and literature. To develop their Listening, Speaking, Reading & writing skills, creative writing. Prior knowledge of the students is

PROSPECTUS FOR WILSON COLLEGE 15

assessed first. Teaching methods used to make lectures interactive are:

- Through enactment.
- Dialogue writing of student's favorite stories or any other relevant matter.
- · Role Play of different character during reading.
- Poetry through Dramatization.
- Exchange the role of Teacher & Student
- Through Questionnaire Method
- Katha-Kathan
- Verbal Interchange of ideas related to the chapter, Editorial Column
- Documentary and Film Screening on syllabus related topics
- Through assignment of Film Critics, Story Critics writing, Notice writing.
- Conducting group activities to generate team work among the students.
- Through real life stories to enhance their understanding about social issues.
- Knowledge about Authors
- Using Audio-Visual Aids

The Department of Hindi has some unique features like remedial classes, Guest lectures, Saral Hindi certificate courses, peer mentoring, individual mentoring etc.

The Department of Hindi conducts various syllabus based activities such as 'Sahitya Kala Mahotsav', many literary activities like Poster Exhibition, Group Discussion, Debate, Street play, Speech Competition, Essay Writing, Self Written Poetry Competition, Poetry Recitation Competition, Quiz Competition, Extempore Competition, Elocution, Film Screening, Rap Song Competition, Intercollegiate Folk Song Competition, Man Ki Baat, Shabd Bhandar, Atma Parichay Competition, Story Telling Competition, etc.

As we mentioned earlier that the Wilson College Department of Hindi is a Ph. D recognized centre where many students pursue their doctorate under Dr.Satyawati Chaubey who is a Ph. D recognized teacher. The Department of Hindi conduct National, International Seminars, Webinars and Conferences on different topics. The department also organizes Intercollegiate Student webinars to inculcate interest in the field of research and also Workshops on Voice modulation, Translation and Hindi, Drug addiction, leadership qualities and the list goes on.

Our well placed alumni who are doing exceptional work in the field of teaching, journalism and various other fields are Mr. Jitendra Dixit, Dr. Sanjay Singh, Dr. Suverna R. Khilari, Dr. Sabita V. Naik, Dr. Vinod Kumar Yadav, Dr. Shilpi Upadhyay, Dr. Shikha P. Maheshwari, Dr. Rekha S. Mishra, Ms. Sushma Verma, Ms. Pooja Mishra and others.

#### 4. Department of History

The department of History is one of the oldest departments of the college, taking ahead the legacy of our founder Rev Dr.John Wilson, himself an Orientalist and Indologist. The department is the largest in the Arts faculty in terms of student strength.

#### **Activities-**

The department organizes various activities throughout the year like Bridge lectures by Science department faculties, Guest lectures, workshops, Career guidance sessions, competitions, quizzes, film and documentary screenings, Book review, collaborative lectures with other colleges etc.

Our students have also won intercollegiate competitions and Paper Presentations.

The field visits, Heritage Walks, social outreach activities of the department give an in depth and first-hand knowledge of History to our students.

Our students have also volunteered as docents at Local, National and International exhibitions held at CSMVS and Asiatic Society and University of Mumbai.

The department has also successfully provided Internship opportunities and also placed our students at Travel agencies, Ed tech companies in the past. We aim to strengthen our efforts in this area.

#### Alumni-

The department has had a good rapport with our alumni and many of them are invited to conduct sessions, talks, Guest lectures, career guidance. Our alumni is currently working as Teachers, Lawyers, Curators, Travel Executives, Archaeologists, Airlines and Hospitality Executives etc.

The department has always had a large number of visually challenged students, who are assisted with notes, handouts and guidance whenever required. Two Visually challenged students Mr. Nikhil Bhende and Ms. Payal Bhattad have been TYBA History toppers.

Ms. Payal has been working as a faculty in the department for last three years.

#### **Potential Careers**

The learners with History major have a varied choice of fields to pursue their Masters degree. The professions that they can take up range from Academics, research, Tourism, Archaeology, Museology, Heritage studies, Law etc

#### 5. Department of Marathi

The Marathi Department of Wilson College is one of the oldest departments in the college (ESTD. 1861). It strives to equip the students with linguistic proficiency in Marathi and encourage their creative ability.

Our objectives are to develop higher linguistic skills in Marathi as well as to develop a critical and creative approach towards Marathi literature.

Marathi department offers two courses at FYBA level:

- 1) Marathi Compulsory (Second Language)
- 2) Marathi Ancillary (Literature)

Marathi as a second language is only at FYBA level. Marathi literature continues in SYBA also. Students can opt for Marathi as a second language as well as Marathi literature at the same time, as it is one of the subjects offered in many subject combinations.

The subject Marathi helps in seeking various employment opportunities such as Maharashtra state recruitment exams like Class C and D, to prepare for the competitive exams like UPSC / MPSC, the Teaching field, Journalism, Translation, field of Media and Entertainment, Creative writing etc.

Students are encouraged to share their understanding and experiences on a topic. The creative writing of students is published in the 'Marathi Section' of our college magazine 'The Wilsonian'.

The Marathi Department organizes a special Essay Writing and Debate Competition in the memory of the former Head of Marathi Department Dr. M. M. Altekar.

Enrichment lecturers, special talks and interdisciplinary lectures by experts related to syllabus / career guidance are arranged by the department. Screening of Marathi films / plays related to syllabus followed by discussion, Educational visits are also organized.

The birth anniversary of renowned author V. V. Shirvadkar alias Kusumagraj is celebrated as Marathi Bhasha Gaurav Din every year.

Marathi Literary Society is very active in Wilson College. It organizes various competitions like essay writing, debate, poetry writing, poetry recitation, Marathi crossword etc. It is open to students of all the streams in the college.

Interactive teaching methods, group discussions, role play and relating topics to real-life situations make the teaching-learning process in our classes effective and enjoyable. As the literature is greatly related to society, it gives an opportunity to inculcate moral values like gender equality, no discrimination on the basis of cast and creed, non-superstition etc. Teacher's good rapport with the students, help to maintain a healthy and stress-free environment in the class as well as outside the class.

Department runs a small library for the benefit of the students of the Degree College.

### 6. Department of Philosophy

Established in 1836, proudly one of the oldest departments in the history of Mumbai, the department strives to fulfill the vision and mission of the college in contributing to the society intellectually, morally, socially conscious and spiritually oriented citizens. It has successfully achieved the following goals of -

 Acquainting students with significant philosophical ideas and theories that form the basis of other disciplines.

- Equipping students with critical, argumentative, logical and analytical skills.
- Encouraging a spirit of rationality in philosophizing while appreciating and respecting differing philosophical systems and perspectives.
- Providing students with an ethical and spiritual framework for assessing moral decisions in different areas of life.
- Encouraging students to engage with philosophical essays and arguments of interdisciplinary nature that include areas of gender, class, caste, cinema, politics and religion.

With eminent faculty who built the philosophical and intellectual climate of (then) Bombay; Mrs. Borde, Dr. Karani, Mr. Randeria, Dr. Ookerjee (to name a few), Wilson College is the only co-ed college in South Mumbai to offer six papers in Philosophy at the third year level.

The courses offered in first year is Moral Philosophy, Social- Political Philosophy and Ancient Indian, Greek and Medieval Philosophy at second year and Contemporary Indian —European Philosophy, Philosophy of Religion, Living Ethics, Logic, Textual Study of Plato's Republic and Phaedo additionally, it is the only college to offer the unique course on Philosophy and Film at the third year. The syllabus is a balance of ancient philosophies as well as contemporary sensibilities much needed for building global competencies.

A vibrant student involvement in organising department programs, contributing to college magazine, seminars, film club, field visits, participation and competing in academic conferences provides a platform for students to build their leadership skills, practice the principles of logic and critical thinking, understanding of different ideologies that leads to acceptance of self and other traditions and applying moral and spiritual principles for conflict resolution and social emancipation in an objective manner. They are able to summarize and interpret complex philosophical ideas through writing essays, presentations and research papers that makes them ready for careers in teaching, mass media, HR, management studies, public policies (to name a few)

Department has collaborated with prestigious institutions like Goethe Institut, Centre for Study of Society and Secularism, Bombay Philosophical Society, Indian Council of Philosophical Research (to name a few).

Regular guest lectures, enrichment courses in themes of Existentialism, Karl Marx's Philosophy (to name a few), Certificate courses in Local Diversity and Screenplay Writing aim to take classroom learning beyond the syllabus.

The department is committed to inclusion of persons with disabilities, visually challenged students are offered the option of a syllabus that enhances their abilities of logic and critical thinking as well as papers like film and philosophy are made accessible that enriches the experience of all learners in class.

#### 7. Department of Political Science

The department of Political Science was established in 1875. The department offers full Majors in Political Science. It also offers an applied component in Introduction to Law in the second year. The

vision of the department is to contribute toward the development of aware and responsible citizens, thus inculcating values of the spirit of enquiry, pluralism and constitutional values.

#### **Departmental Objectives –**

To provide exposure on a regular basis to social, political and economic events

To provide rigorous academic inputs with a broad scope

To increase participation of students to make activities student-driven

#### **Activities-**

- i) Junior and Senior College students have been taken for a visit to the Vidhan Sabha and Vidhan Parishad for the past ten years
- ii) The department organizes one day and week-long field visits to different parts of Maharashtra to study local self-governing bodies in Maharashtra since 2013
- iii) Three-day map reading sessions of the world, Maharashtra, and North-East India maps at the beginning of every academic year
- iv) Peace Day activities which cover more than 700 students organised on August 6th for the past 20 year
- v) Human Rights Week organised every year for the past three, featuring eminent activists like Magsaysay Award winner Bezwada Wilson, Harsh Mander, Noorjehan Safiya Naaz, Ashok Row Kavi, Arun Ferreira.
- vi) Regular lectures by visiting faculty and special guests
- vii) Yearbooks published by students
- viii) Well equipped departmental library with over 500 books
- ix) Charters of Students' Rights and Responsibilities: Prepared, approved, and released
- x) Political Science Association an active, student-elected body

#### **Career Opportunities**

Students majoring in Political science can opt for higher studies, prepare for civil services and other competitive exams or do a career as a research analyst, geo Political Risk analyst, teacher, content writing, public administration, public relations, campaign manager, etc.

#### **Prominent Alumni-**

Justice Kathawala - Bombay High Court (1982)

Asha Mhatre - General Manager, Times of India Foundation (1990)

Saurabh Railkar - Senior Lawyer, Bombay High Court (1992)

Shahid Khan - Director, Training in HR (1991)

Wasim Basir - In charge of markets for Coke - West Asia and North Africa (1994)

Deepak Netram - Vice President, Media Planning, Lodestar, part of FCB Ulka (1995)

Imlimeren Jamir- Joint Commissioner Income Tax Guwahati (2000)

Dr. Priyadarshini Singh- Research Fellow, Center for Policy Research, New Delhi

#### 8. Department of Psychology

Psychology up to SYBA has always been a part of the Department of Philosophy, as professors of Philosophy are qualified to teach Psychology up to SYBA. In 2018, the management of Wilson College decided to revive TYBA Psychology as an unaided section. To cater to high demand, it has 48 seats.

The Department of Psychology has a laboratory devoted to conduction of practicum, providing first-hand exposure to experimentation, a feature unique to Psychology in the BA curriculum.

To enhance the teaching-learning process and for holistic development of students, integrative, reflective and inquiry-based approaches are incorporated. In-depth orientation sessions are conducted prior to each semester, wherein students are welcomed and guided to navigate the academic year ahead. Throughout the course, students are engaged in case studies, role plays, ICT, workshops, guest lectures, and regular feedback sessions. Furthermore, movies relevant to the syllabus are screened and discussed in class.

To help students develop a scientific temper, research skills and ethical practices, they receive mentoring tailored to them for doing a literature review and a survey, as part of the curriculum.

The Department organizes Career orientation and Study-Abroad sessions to support students in exploring and identifying future career prospects.

The Department embarked on a 36-hour Certificate Course on Youth Mental Health, in 2021. The course aims to challenge the stigma around youth mental health, holding space for healthy discussions. We look forward to introducing new interdisciplinary courses to enable students to become competent citizens in an increasingly diverse world.

Mindsight, a student-led club was conceived in 2021. It intends to conduct events around mental health, where, regardless of their previous knowledge, anyone, can gain awareness and learn about Psychology.

The Department of Psychology is rooted in rigorous scientific learning and a warm connection between faculty members and students. Our alumni include Ms. Kunjan Dedhia, a counseling psychologist and teacher for IB Psychology at Hill Spring International School (Tardeo), Mr. Apollo Raj engaged in multiple roles at Every Nation Ministries as Church Planter, Campus Minister and Life Coach, and Mr. Joshua Tivade, a counseling psychologist at Accenture.

#### What do our alumni have to say?

"Can't really sum up my entire academic experience in a few words. The department has given me a great set of friends, has formed a foundation for my career and helped me to take baby steps in the field of psychology. All the theories and Practicals learnt has helped in further studies and even in personal life."- Jeffrin Stephen (2019-20)

"I cherish every moment I spent in Wilson college. From the beautiful campus to the amazing faculty, everything resulted in a unique experience that helped me grow and evolve in a holistic manner."-Nimisha Parekh (2020-21)

"The Department of Psychology has been immensely supportive. The faculty has always prioritized learning and wellbeing of us students, encouraging participation and relevant discussions in the lectures. With regards to academics, focus has been on a sound foundation and application-based knowledge which aids students when they practice and work in the future."- Shristi Chatterjee (2021-22)

#### 9. Department of Sociology

Striving to keep up the tradition and legacy of enjoyable collaborative teaching-learning experience. The journey continues... Come Join Us!!!

A young and vibrant department established in 1962, Department of Sociology encourages comprehensive understanding of the subject among the learners by drawing linkages across all the three years of undergraduate curriculum. A judicious mix of theoretical and applied courses offered at undergraduate level provide firm foundation and knowledge not only of the subject and contemporary issues but also of a wide range of career opportunities. Anthropology is offered only in the First-year as one of the options for Compulsory Second Language (Hindi/Marathi) course to those learners who haven't studied these languages in their lower classes.

Department faculty aim to become academic mentors for learners, irrespective of their diverse academic and socio-economic backgrounds, gender and abilities. Remedial coaching is provided to the learners who require the same.

Given the nature of the subject, it is important that learners engage in conversations on issues/events of contemporary and social significance. Extensive use of e-resources and field experience provide ample scope for experiential learning.

Teaching-learning experience can never remain bound within classroom. The Department is proactive in organizing webinars, seminars, workshops, talks, documentary screenings and group presentations and discussions wherein students get exposed to diverse perspectives and sharpen their analytical and critical thinking skills. In addition, the Department organizes competitions such as poster-making, slogan-making, meme-making, quiz, poetry, essay writing etc. on topics/themes/days of social relevance that brings out their creative and imaginative skills as well. We take pride in our student volunteers for their efforts and support in organizing such events.

Our Alumni are well placed in diverse fields such as law, corporate sector, academics etc. and are invited to conduct sessions on career opportunities.

#### **Course code and Course Titles for Arts**

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBA	1	DSC1 (Major	Economics	3	WAECOMJ111/	Fundamental Prin-
		/ Minor)			WAECOMN111	ciples of Microeco-
		, ,				nomics: Consump-
						tion & Production
						Analysis
FYBA	1	DSC2 (Major	Economics	3	WAECOMJ112/	Indian Economy:
		/ Minor)			WAECOMN112	Contemporary Sec-
						toral Concerns
FYBA	1	DSC1 (Major	English	3	WAENGMJ111/	Introduction to Eng-
		/ Minor)			WAENGMN111	lish Literature
FYBA	1	DSC2 (Major	English	3	WAENG-	Critical Approaches
		/ Minor)			MJJ112/	to the Study of
					WAENGMN112	Poetry
FYBA	1	DSC1 (Major	Hindi	3	WAHINMJ111/	आधुनिक हिंदी कविता
		/ Minor)			WAHINMN111	(Modern Hindi
E) (D. 4	4	5000 (14.)				Poetry)
FYBA	1	DSC2 (Major	Hindi	3	WAHINMJ112/	आधुनिक हिंदी कहानी
EVD A		/ Minor)	TP: 4	0	WAHINMN112	(Modern Hindi Story)
FYBA	1	DSC1 (Major	History	3	WAHISMJ111/	History of Mumbai
EVDA	4	/ Minor)	I Parta	2	WAHISMN111	c.1500-1960
FYBA	1	DSC2 (Major	History	3	WAHISMJ112/	Socio –Economic
		/ Minor)			WAHISMN112	History of Modern India c.1800-1947
FYBA	1	DSC1 (Major	Marathi	3	WAMARMJ111/	
FIDA	'	/ Minor)	IVIdidilli	3	WAMARMN111	कथा (Story)
FYBA	1	DSC2 (Major	Marathi	3	WAMARMJ112/	नाटक (Drama)
IIDA	'	/ Minor)	ivialatiii	3	WAMARMN112	नाटक (Diama)
FYBA	1	DSC1 (Major	Philosophy	3	WAPHIMJ111/	MORAL PHILOSOPHY
TIDIC		/ Minor)	тиносорну	Ŭ	WAPHIMN111	WIGHT LE THILLOGOT THE
FYBA	1	DSC2 (Major	Philosophy	3	WAPHIMJ112/	LIVING ETHICS
		/ Minor)	,		WAPHIMN112	
FYBA	1	DSC1 (Major	Political Sci-	3	WAPOLMJ111/	Introduction to Politi-
		/ Minor)	ence		WAPOLMN111	cal Theory
FYBA	1	DSC2 (Major	Political Sci-	3	WAPOLMJ112/	Indian Political
		/ Minor)	ence		WAPOLMN112	Structure

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter	"	•	its		
FYBA	1	DSC1 (Major	Psychology	3	WAPSYMJ111/	General Psychology
		/ Minor)			WAPSYMN111	Part I
FYBA	1	DSC2 (Major	Psychology	3	WAPSYMJ112/	Fundamentals of
		/ Minor)			WAPSYMN112	Psychology Part I
FYBA	1	DSC1 (Major	Sociology	3	WASOCMJ111/	Foundations of Soci-
		/ Minor)			WASOCMN111	ology
FYBA	1	DSC2 (Major	Sociology	3	WASOCMJ112/	Basic Concepts in
		/ Minor)			WASOCMN112	Sociology
FYBA	1	SEC	Economics	2	WAECOSE111	Basic Statistical
						Tools for Economic
						Analysis
FYBA	1	SEC	English	2	WAENGSE111	Creative Writing
FYBA	1	SEC	Hindi	2	WAHINSE111	Patrakarita Aur
						Samaachaar Lekhan
						Kaushal
FYBA	1	SEC	History	2	WAHISSE111	General Knowledge
						and Current Affairs
				_		January -June 2023
FYBA	1	SEC	Marathi	2	WAMARSE111	Vyavasayik Marathi
FYBA	1	SEC	Philosophy	2	WAPHISE111	CREATIVE AND
51/D.4		252	D. III. 10.1		14450105444	CRITICAL THINKING
FYBA	1	SEC	Political Sci-	2	WAPOLSE111	Political Communica-
EVD A		050	ence	0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	tion
FYBA	1	SEC	Psychology	2	WAPSYSE111	Psychology Applied
EVD A	4	050	O a d'alla a	0	WACCOCE 111	to Modern Life
FYBA	1	SEC	Sociology	2	WASOCSE111	Introduction to Social
EVD A	2	DCC1 /M-:	Economics	3	\A/AFCON4.14.24./	Research
FYBA		DSC1 (Major	Economics	3	WAECOMJ121/ WAECOMN121	Fundamental Prin-
		/ Minor)			VVAEGUIVIINTZT	ciples of Microeco- nomics: Market
FYBA	2	DSC2 (Major	Economics	3	WAECOMJ122/	Structures & Pricing Indian Economy:
TIDA		/ Minor)	LCUITUITIICS	3	WAECOMN122	Macroeconomic Poli-
		/ 14111101 /			VVALOUIVIIVIZZ	cies and Prospects
FYBA	2	DSC1 (Major	English	3	WAENGMJ121/	Study of a Literary
IIDA		/ Minor)	Liigiisii	3	WAENGMN121	Form and the Ecocrit-
		/ 14111101 /			VVALIVOIVIIVIZI	ical Approach
						icai Appidacii

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBA	2	DSC2 (Major	English	3	WAENG-	Gendered Approach
		/ Minor)			MJJ122/	to the Study of
					WAENGMN122	Literature
FYBA	2	DSC1 (Major	Hindi	3	WAHINMJ121/	आधुनिक हिंदी उपन्यास
		/ Minor)			WAHINMN121	(Modern Hindi Novel)
FYBA	2	DSC2 (Major	Hindi	3	WAHINMJ122/	हिंदी गद्य की विविध विधाएँ
		/ Minor)			WAHINMN122	(Various Genres of
	_			_		Hindi Prose)
FYBA	2	DSC1 (Major	History	3	WAHISMJ121/	Introduction to His-
		/ Minor)			WAHISMN121	tory and Heritage of
E) (D. 4		5000 (14.				Maharashtra
FYBA	2	DSC2 (Major	History	3	WAHISMJ122/	History of Marathas
EVD A		/ Minor)	B.0 (1.)	0	WAHISMN122	1630-1708
FYBA	2	DSC1 (Major	Marathi	3	WAMARMJ121/	कादंबरी (Novel)
EVD A	0	/ Minor)	NA 41.	0	WAMARMN121	(T )
FYBA	2	DSC2 (Major	Marathi	3	WAMARMJ122/	प्रवासवर्णन (Travelogue)
EVD A	2	/ Minor)	Dhilasash	2	WAMARMN122	Manal Didianantos
FYBA	2	DSC1 (Major	Philosophy	3	WAPHIMJ121/	Moral Philosophy
EVDA	2	/ Minor)	Dhilesenhu	3	WAPHIMN121	Linday Ethios
FYBA		DSC2 (Major / Minor)	Philosophy	3	WAPHIMJ122/ WAPHIMN122	Living Ethics
FYBA	2	DSC1 (Major	Political Sci-	3	WAPOLMJ121/	Political Concepts
FIDA		/ Minor)	ence	J	WAPOLMS121/	and Values
FYBA	2	DSC2 (Major	Political Sci-	3	WAPOLMJ122/	Political Process in
IIDA		/ Minor)	ence	0	WAPOLMN122	India
FYBA	2	DSC1 (Major	Psychology	3	WAPSYMJ121/	General Psychology
115/1	_	/ Minor)	royonology	Ŭ	WAPSYMN121	Part II
FYBA	2	DSC2 (Major	Psychology	3	WAPSYMJ122/	Fundamentals of
	_	/ Minor)	,		WAPSYMN122	Psychology Part II
FYBA	2	DSC1 (Major	Sociology	3	WASOCMJ121/	Fundamentals of
		/ Minor)	,		WASOCMN121	Sociology
FYBA	2	DSC2 (Major	Sociology	3	WASOCMJ122/	Social Institutions
		/ Minor)	0,		WASOCMN122	and Social Behaviour
FYBA	2	SEC	Economics	2	WAECOSE121	Descriptive Statis-
						tics for Economic
						Analysis
FYBA	2	SEC	English	2	WAENGSE121	Translation Studies
FYBA	2	SEC	Hindi	2	WAHINSE121	Patakatha Lekhan
						Kaushal Aur Vigya-
						pan Lekhan Kaushal

24 PROSPECTUS FOR WILSON COLLEGE 25

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBA	2	SEC	History	2	WAHISSE121	General Knowledge and Current Affairs July-December 2023
FYBA	2	SEC	Marathi	2	WAMARSE121	Upayojit Marathi
FYBA	2	SEC	Philosophy	2	WAPHISE121	Critical Thinking and Problem Solving
FYBA	2	SEC	Political Science	2	WAPOLSE121	Political Leadership
FYBA	2	SEC	Psychology	2	WAPSYSE121	Psychology for Living
FYBA	2	SEC	Sociology	2	WASOCSE121	Basics of Quantita- tive Research
SYBA	3	DSC Major 1	Economics	3	WAECOMJ231	Introductory Macro- economics
SYBA	3	DSC Major 2	Economics	3	WAECOMJ232	Public Economics: Theory and Practice
SYBA	3	DSC Minor	Economics	4	WAECOMN231	Basic Macroeconomics
SYBA	3	DSC Major 1	English	3	WAENGMJ231	American Literature of the 20th Century I
SYBA	3	DSC Major 2	English	3	WAENGMJ232	20th Century Indian Writing in English I
SYBA	3	DSC Minor	English	4	WAENGMN231	American Literature of the 20th Century
SYBA	3	DSC Major 1	Hindi	3	WAHINMJ231	Madhyakaaleen Kaavya
SYBA	3	DSC Major 2	Hindi	3	WAHINMJ232	Aadhunik Ekaankee
SYBA	3	DSC Minor	Hindi	4	WAHINMN231	Swatantryottar Kaavya Evam Naatak Saahitya
SYBA	3	DSC Major 1	History	3	WAHISMJ231	Landmarks of World History
SYBA	3	DSC Major 2	History	3	WAHISMJ232	Ancient India
SYBA	3	DSC Minor	History	4	WAHISMN231	Glimpses of 20th Century World His- tory
SYBA	3	DSC Major 1	Marathi	3	WAMARMJ231	Kavita
SYBA	3	DSC Major 2	Marathi	3	WAMARMJ232	Bhasha and Boli Abhyas

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
SYBA	3	DSC Minor	Marathi	4	WAMARMN231	Nivadak Kathancha Abhyas
SYBA	3	DSC Major 1	Philosophy	3	WAPHIMJ231	Indian Philosophy
SYBA	3	DSC Major 2	Philosophy	3	WAPHIMJ232	Social Philosophy
SYBA	3	DSC Minor	Philosophy	4	WAPHIMN231	Social Philosophy
SYBA	3	DSC Major 1	Political Science	3	WAPOLMJ231	Public Administration
SYBA	3	DSC Major 2	Political Sci- ence	3	WAPOLMJ232	Foundation of Public Policy
SYBA	3	DSC Minor	Political Sci- ence	4	WAPOLMN231	World Politics
SYBA	3	DSC Major 1	Psychology	3	WAPSYMJ231	Social Psychology- I
SYBA	3	DSC Major 2	Psychology	3	WAPSYMJ232	Developmental Psy- chology: A Focus on Adolescent and Adult Development-I
SYBA	3	DSC Major 1	Sociology	3	WASOCMJ231	Anthropological Thought
SYBA	3	DSC Major 2	Sociology	3	WASOCMJ232	Sociology of Devel- opment
SYBA	3	DSC Minor	Sociology	4	WASOCMN231	Emerging Issues and Concerns in Contem- porary Indian Society
SYBA	3	SEC	Economics	2	WAECOSE231	Investment Aware- ness
SYBA	3	SEC	English	2	WAENGSE231	Mass Communica- tion
SYBA	3	SEC	Hindi	2	WAHINSE231	Maadhyamopayogi Lekhan
SYBA	3	SEC	History	2	WAHISSE231	Travel and Tourism  Management
SYBA	3	SEC	Marathi	2	WAMARSE231	Marathi Vyakaran ani Lekhan Kaushalye
SYBA	3	SEC	Philosophy	2	WAPHISE231	Academic Writing and Language
SYBA	3	SEC	Political Sci- ence	2	WAPOLSE231	Public Affairs
SYBA	3	SEC	Psychology	2	WAPSYSE231	Stress Management

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
SYBA	3	SEC	Sociology	2	WASOCSE231	Basics of Qualitative Research
SYBA	4	DSC Major 1	Economics	3	WAECOMJ241	Macroeconomics: Theory and Policy
SYBA	4	DSC Major 2	Economics	3	WAECOMJ242	Public Finance
SYBA	4	DSC Minor	Economics	4	WAECOMN241	Intermediate Macro- economics
SYBA	4	DSC Major 1	English	3	WAENGMJ241	American Literature of the 20th Century II
SYBA	4	DSC Major 2	English	3	WAENGMJ242	20th Century Indian Writing in English II
SYBA	4	DSC Minor	English	4	WAENGMN241	20th Century Indian Writing in English and Translations
SYBA	4	DSC Major 1	Hindi	3	WAHINMJ241	Aadhunik Kaavya Evam Khandakaavya
SYBA	4	DSC Major 2	Hindi	3	WAHINMJ242	Aadhunik Hindi Vyangya
SYBA	4	DSC Minor	Hindi	4	WAHINMN241	Janasanchaar Mad- hyam
SYBA	4	DSC Major 1	History	3	WAHISMJ241	Landmarks of World History
SYBA	4	DSC Major 2	History	3	WAHISMJ242	Ancient India
SYBA	4	DSC Minor	History	4	WAHISMN241	Highlights of Ancient India
SYBA	4	DSC Major 1	Marathi	3	WAMARMJ241	Aatmakathan
SYBA	4	DSC Major 2	Marathi	3	WAMARMJ242	Vaicharik Gadya
SYBA	4	DSC Minor	Marathi	4	WAMARMN241	Nivadak Kavitancha Abhyas
SYBA	4	DSC Major 1	Philosophy	3	WAPHIMJ241	Western Philosophy
SYBA	4	DSC Major 2	Philosophy	3	WAPHIMJ242	Political Philosophy
SYBA	4	DSC Minor	Philosophy	4	WAPHIMN241	Political Philosophy
SYBA	4	DSC Major 1	Political Sci- ence	3	WAPOLMJ241	Indian Administration
SYBA	4	DSC Major 2	Political Science	3	WAPOLMJ242	Select Public Policy in India
SYBA	4	DSC Minor	Political Sci- ence	4	WAPOLMN241	India in World Poli- tics
SYBA	4	DSC Major 1	Psychology	3	WAPSYMJ241	Social Psychology-2

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
SYBA	4	DSC Major 2	Davahalagu	3	WAPSYMJ242	Davalanmental
SIDA	4	DSC IVIAJUI Z	Psychology	ა	VVAFSTIVIJZ4Z	Developmental
						Psychology: A Focus
						on Adolescent and
						Adult Development
OV/D A		D00 N4 : 4	0	0	14/4000141044	-
SYBA	4	DSC Major 1	Sociology	3	WASOCMJ241	Indian Society: Struc-
						ture and Perspec-
0) (D. A		20011			11/1000111010	tives
SYBA	4	DSC Major 2	Sociology	3	WASOCMJ242	Tribal Studies
SYBA	4	DSC Minor	Sociology	4	WASOCMN241	Emerging Fields in
	-					Sociological Studies
SYBA	4	VSC	Economics	2	WAECOVS241	Entrepreneurial
	_			_		Development
SYBA	4	VSC	English	2	WAENGVS241	Writing for Digital
						Media
SYBA	4	VSC	Hindi	2	WAHINVS241	Prayojanmulak Hindi
SYBA	4	VSC	History	2	WAHISVS241	Introduction to Travel
						and Tourism
SYBA	4	VSC	Marathi	2	WAMARVS241	Chitrapat Patakathan-
						cha Abhyas
SYBA	4	VSC	Philosophy	2	WAPHIVS241	Evolution of Yoga
SYBA	4	VSC	Political Sci-	2	WAPOLVS241	Dimensions of the
			ence			Indian Legal Frame-
2) (5.4	_					work
SYBA	4	VSC	Psychology	2	WAPSYVS241	Vocational Guidance
SYBA	4	VSC	Sociology	2	WASOCVS241	Introduction to Social
						Work
	_			-		
TYBA	5	DSC1	Economics	4	WAECODC351	Advanced Microeco-
71/0.4	_	2000	_		11/450000050	nomic Theory
TYBA	5	DSC2	Economics	4	WAECODC352	Economics of Growth
	_			-		and Development
TYBA	5	DSC3	Economics	4	WAECODC353	History of Economic
TVD A	-	D054	F		WALCOUR TO STATE OF THE STATE O	Thought
TYBA	5	DSE1	Economics	4	WAECODE351	Mathematics for
TVD	-	D050	-	-	\\\\A_F00DF050	Economic Analysis
TYBA	5	DSE2	Economics	4	WAECODE352	Environmental Eco-
						nomics

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter	VCC	Баанг	its	VA/A EQQV/QQE4	Flamourta Otati
TYBA	5	VSC	Economics	2	WAECOVS351	Elementary Statis-
						tics for Economic
T1/D A	_	5004		-	14/4511050054	Analysis
TYBA	5	DSC1	English	4	WAENGDC351	Literary Criticism and
	_			_		Theory
TYBA	5	DSC2	English	4	WAENGDC352	Reading Poetry in
	_			_		English
TYBA	5	DSC3	English	4	WAENGDC353	Introduction to the
						Study of Prose in
						English
TYBA	5	DSE1	English	4	WAENGDE351	Popular Culture
TYBA	5	DSE2	English	4	WAENGDE352	Urban Literary Stud-
						ies
TYBA	5	VSC	English	2	WAENGVS351	Public Relations
TYBA	5	DSC1	Hindi	4	WAHINDC351	हिंदी साहित्य का इतिहास :
						आदिकाल और मध्यकाल
TYBA	5	DSC2	Hindi	4	WAHINDC352	भाषा विज्ञान - १
TYBA	5	DSC3	Hindi	4	WAHINDC353	साहित्य समीक्षा
TYBA	5	DSE1	Hindi	4	WAHINDE351	नाटक और एकांकी
TYBA	5	DSE2	Hindi	4	WAHINDE352	आधुनिक हिंदी साहित्य की
						वैचारिक पृष्ठभूमि
TYBA	5	VSC	Hindi	2	WAHINVS351	हिंदी में सूचना प्रोद्योगिकी
TYBA	5	DSC1	History	4	WAHISDC351	History of Medieval
						India (1000 CE –
						1526 CE)
TYBA	5	DSC2	History	4	WAHISDC352	History of Modern
						India (1857 CE-1947
						CE)
TYBA	5	DSC3	History	4	WAHISDC353	History of Contempo-
						rary World (1945 CE
						-2000 CE)
TYBA	5	DSE1	History	4	WAHISDE351	Introduction to Ar-
						chaeology
TYBA	5	DSE2	History	4	WAHISDE352	Introduction to
						Museology
TYBA	5	VSC	History	2	WAHISVS351	Introduction to Heri-
						tage Tourism
TYBA	5	DSC1	Marathi	4	WAMARDC351	मध्ययुगीन मराठी वाङ्मयाचा
						इतिहास : भाग एक

Pro-	Semes-	Course Type	Department	Cred- its	Course Code	Course Title
gramme	ter	DCC2	Marathi		WAMARDC352	
TYBA	5	DSC2	iviaratni	4	VVAIVIARDU35Z	भारतीय साहित्य आणि
TVD A	-	DOOO	B.0. (1.)	4	NA/ABAADDOOFO	पाश्चात्य साहित्यविचार
TYBA	5	DSC3	Marathi	4	WAMARDC353	भाषाविज्ञान
TYBA	5	DSE1	Marathi	4	WAMARDE351	उत्तर आधुनिक मराठी साहित्य
TYBA	5	DSE2	Marathi	4	WAMARDE352	-
TYBA	5	VSC	Marathi	2	WAMARVS351	भाषांतर कौशल्य
TYBA	5	DSC1	Philosophy	4	WAPHIDC351	CLASSICAL INDIAN
						PHILOSOPHY
TYBA	5	DSC2	Philosophy	4	WAPHIDC352	PLATO'S REPUBLIC I
TYBA	5	DSC3	Philosophy	4	WAPHIDC353	TRADITIONAL LOGIC
TYBA	5	DSE1	Philosophy	4	WAPHIDE351	PHILOSOPHY OF
						RELIGION I
TYBA	5	DSE2	Philosophy	4	WAPHIDE352	PHILOSOPHY OF
						FILM I
TYBA	5	VSC	Philosophy	2	WAPHIVS351	LIVING ETHICAL IS-
			' '			SUES I
TYBA	5	DSC1	Political Sci-	4	WAPOLDC351	World Politics
			ence			
TYBA	5	DSC2	Political Sci-	4	WAPOLDC352	Western Political
		2002	ence	·		Thought
TYBA	5	DSC3	Political Sci-	4	WAPOLDC353	Politics of Modern
116/1		2000	ence	'	WALL OF DOCOG	Maharashtra
TYBA	5	DSE1	Political Sci-	4	WAPOLDE351	Politics and Films
IIDA	"	DOLI	ence	, T	VVAI OLDESSI	1 Ontics and 1 mins
TYBA	5	DSE2	Political Sci-	4	WAPOLDE352	Rural Local Self
IIDA	J 3	DOLZ	ence	, T	VVAI OLDESSE	Government
TYBA	5	VSC	Political Sci-	2	WAPOLVS351	Politics and Media
IIDA	J	V30	ence		VVAI ULVSSSI	I Ullilos alla ivicula
TYBA	5	DSC1	Psychology	4	WAPSYDC351	Practicals in Cogni-
IIDA	) J	DSCI	rsychology	4	WAFSTDGSST	
						tive Process and
						Psychological Test-
TVDA	-	DOGG	D. I. I	4	MANDON/DOOFO	ing: Part 1
TYBA	5	DSC2	Psychology	4	WAPSYDC352	Abnormal Psychol-
	_			_		ogy Part I
TYBA	5	DSC3	Psychology	4	WAPSYDC353	Cognitive Psychology
TYBA	5	DSE1	Psychology	4	WAPSYDE351	Industrial and Organi-
						zational Psychology

| 30 | PROSPECTUS FOR WILSON COLLEGE | 31 |

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
TYBA	5	DSE2	Psychology	4	WAPSYDE352	Psychology of
						Children with Special
TVDA	-	1/00	5	0	\\\\A\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	Needs
TYBA	5	VSC	Psychology	2	WAPSYVS351	Statistics in Psychol-
TVDA	-	D004	01 -1	4	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ogy
TYBA	5	DSC1	Sociology	4	WASOCDC351	Classical Sociological
TYBA	5	DSC2	Casialagy	4	WASOCDC352	Theories Sociology of Work
TYBA	5	DSC3	Sociology Sociology	4	WASOCDC352	Urban Sociology
TYBA	5	DSE1	Sociology	4	WASOCDE351	Sociology of Gender
TYBA	5	DSE2	Sociology	4	WASOCDE352	Environmental Soci-
IIDA	3	DOLZ	oociology	,	VVAOOODESSE	ology
TYBA	5	VSC	Sociology	2	WASOCVS351	Sociology of Human
						Resource Develop-
						ment
TYBA	6	DSC1	Economics	4	WAECODC361	Advanced Macroeco-
	_			-		nomics
TYBA	6	DSC2	Economics	4	WAECODC362	International Eco-
TVD A	0	D0E4	F	4	WATCODE 201	nomics
TYBA	6	DSE1	Economics	4	WAECODE361	Basic Econometrics
TYBA	0	DSE2	Economics	4	WAECODE362	Indian Financial System
TYBA	6	VSC	Economics	2	WAECOVS361	Basics of Research
						Methodology
TYBA	6	VSC	Economics	2	WAECOVS361	Data Studies and
						Research Ethics
TYBA	6	DSC1	English	4	WAENGDC361	Traditions of English
	_			_		Theatre and Drama
TYBA	6	DSC2	English	4	WAENGDC362	Reading Fiction in
TVD A	C	DCE4	For all 1		VA/A ENIODESCA	English
TYBA	6	DSE1	English	4	WAENGDE361	Introduction to Cin- ema Studies
TYBA	6	DSE2	English	4	WAENGDE362	Children's Literature
TYBA	6	VSC	English	2	WAENGVS361	Teaching English as
IIDA	3	V00	Liigiisii	_	VVALIVOVOOT	Second Language
TYBA	6	VSC	English	2	WAENGDC362	The Art of Vocal
		. 30		_		Articulation

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
TYBA	6	DSC1	Hindi	4	WAHINDC361	हिंदी साहित्य का इतिहास :
						आधुनिक काल
TYBA	6	DSC2	Hindi	4	WAHINDC362	भाषा विज्ञान - २
TYBA	6	DSE1	Hindi	4	WAHINDE361	काव्यशास्त्र
TYBA	6	DSE2	Hindi	4	WAHINDE362	कविता और निबंध
TYBA	6	VSC	Hindi	2	WAHINVS361	सोशल मिडिया
TYBA	6	VSC	Hindi	2	WAHINDC362	वृत्तचित्र और लघुफिल्म
TYBA	6	DSC1	History	4	WAHISDC361	History of Mughals (1526 CE – 1707 CE)
TYBA	6	DSC2	History	4	WAHISDC362	History of India (1947 CE- 2000 CE)
TYBA	6	DSE1	History	4	WAHISDE361	History of Asia (1945 CE -2000 CE)
TYBA	6	DSE2	History	4	WAHISDE362	History of the Marathas (1707 CE - 1818 CE)
TYBA	6	VSC	History	2	WAHISVS361	Curating Walks and Experiences
TYBA	6	VSC	History	2	WAHISDC362	Archival Science
TYBA	6	DSC1	Marathi	4	WAMARDC361	मध्ययुगीन मराठी वाङ्मयाचा इतिहास : भाग दोन
TYBA	6	DSC2	Marathi	4	WAMARDC362	मराठी व्याकरणाची रूपरेषा
TYBA	6	DSE1	Marathi	4	WAMARDE361	सर्जनशील साहित्य
TYBA	6	DSE2	Marathi	4	WAMARDE362	-
TYBA	6	VSC	Marathi	2	WAMARVS361	साहित्यकृतीच्या माध्यमांतराचा अभ्यास
TYBA	6	VSC	Marathi	2	WAMARVS362	माहितीपट (डॉक्युमेंटरी) लेखन परिचय
TYBA	6	DSC1	Philosophy	4	WAPHIDC361	WESTERN META- PHYSICS AND EPISTEMOLOGY
TYBA	6	DSC2	Philosophy	4	WAPHIDC362	PLATO'S REPUBLIC II
TYBA	6	DSE1	Philosophy	4	WAPHIDE361	PHILOSOPHY OF RELIGION II
TYBA	6	DSE2	Philosophy	4	WAPHIDE362	PHILOSOPHY OF FILM II
TYBA	6	VSC	Philosophy	2	WAPHIVS361	LIVING ETHICAL IS- SUES II
TYBA	6	VSC	Philosophy	2	WAPHIVS362	MODERN LOGIC

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
TYBA	6	DSC1	Political Sci- ence	4	WAPOLDC361	India in World Poli- tics
TYBA	6	DSC2	Political Science	4	WAPOLDC362	Indian Political Thought
TYBA	6	DSE1	Political Science	4	WAPOLDE361	Understanding Politics through Films
TYBA	6	DSE2	Political Science	4	WAPOLDE362	Urban Local Self Gov- ernment
TYBA	6	VSC	Political Science	2	WAPOLVS361	Conflict Resolution and Negotiation Skill
TYBA	6	VSC	Political Sci- ence	2	WAPOLVS362	Political Marketing
ТҮВА	6	DSC1	Psychology	4	WAPSYDC361	Practicals in Cognitive Process and Psychological Testing Part II
TYBA	6	DSC2	Psychology	4	WAPSYDC362	Abnormal Psychol- ogy Part II
TYBA	6	DSE1	Psychology	4	WAPSYDE361	Psychological Testing
TYBA	6	DSE2	Psychology	4	WAPSYDE362	-
TYBA	6	VSC	Psychology	2	WAPSYVS361	Counseling Skills Paper I
TYBA	6	VSC	Psychology	2	WAPSYVS362	Counseling Skills Paper II
TYBA	6	DSC1	Sociology	4	WASOCDC361	Modern Sociological Theories
TYBA	6	DSC2	Sociology	4	WASOCDC362	Sociology of Labour
TYBA	6	DSE1	Sociology	4	WASOCDE361	Gender and Society
TYBA	6	DSE2	Sociology	4	WASOCDE362	Urbanisation in India
TYBA	6	VSC	Sociology	2	WASOCVS361	Sociology of Organizations
TYBA	6	VSC	Sociology	2	WASOCVS362	Entrepreneurship

# **Science Departments**

#### 1. Department of Botany

The Department of Botany was established as a separate entity in 1969 from the pre-existing department of Biology. Since then, the department has been progressing in every sector of academics and nurturing the students with the knowledge in Plant Science.

Objectives of the department:

- 1. To produce graduates with sound subject knowledge.
- 2. To encourage the development of scientific attitude among students with social inclination.
- 3. To sensitize students towards environmental issues.
- 4. To expose students to various career opportunities in the field of plant sciences.
- 5. To develop relevant soft skills in students.
- 6. To consolidate research in the department.

Since inception of the department, it has been having leadership of dynamic, enthusiastic and committed heads and a set of highly qualified and dedicated faculty members belonging to diverse specializations which is highly required, especially in the subjects like Botany which has a wide range of topics right from laboratory studies to the study of wild vegetation and environment.

The department offers courses like B.Sc., M. Sc. (by research) and Ph.D. in Botany. The main courses at UG level cover a broad spectrum of subject branches, viz. Plant Diversity, Taxonomy, Plant Genetics, Plant Physiology, Plant Biotechnology, Plant Anatomy, Plant Ecology-Environmental Botany, Medicinal Botany, Palaeobotany, Ethnobotany, Nutraceuticals, etc. In T.Y.B.Sc., under Applied Component (AC), there is a paper entitled Horticulture and Gardening. This paper includes fascinating topics from plant aesthetics to business opportunities. Pomology (fruits cultivation), Olericulture (vegetables cultivation), Floriculture, Landscape Gardening, Lawn (turf) Preparation, Nursery Management, Apiculture, Sericulture, Indoor Gardens, Hydroponics (soilless cultivation), Bonsai, Terrariums, Floral Arrangements, Preservation and Processing of Fruits and Vegetables, Fruit and Vegetable Carving, Post-Harvest Technology and Management, Commercial Cultivation of Cash Crops, Green House (cultivation) Technology, Farm Business Management etc. are some of the eminent contents of Horticulture.

A satisfactory number of our alumni are doing well in diverse fields like teaching, pharma and health industry, management, self-enterprises etc. The department is proud that some of our alumni are University Rank holders.

Recently, the department has taken initiatives under the guidance of the institution to revise curriculum which will be implemented progressively from academic year 2022-23. This revision of syllabus will comply with the objectives of National Education Policy (NEP), 2020 and will be in tune with the demand of time and the stakeholders. Subject related skills development, building research aptitude in students and job (employability) oriented training will be important targets of the department.

PROSPECTUS FOR WILSON COLLEGE | 35 |

The issues like environmental pollution/degradation, depletion of natural resources, global warming and climate change, restoration of ecological balance, threats to biodiversity and its conservation, food security, need of organic food, etc. will be better understood and resolved with the knowledge of Plant Science-Botany.

### 2. Department of Chemistry

The Chemistry Department of Wilson College, established in 1887 is the oldest Science Department in the University of Mumbai. The first batch of Chemistry graduates passed out from Wilson College in 1887 and the first ever MSc thesis was submitted through the department in 1917 in collaboration with the Indian Institute of Science, Bangalore. Dr A. R. Normand (Head during 1902-1933) pioneered research in Physical Chemistry in Mumbai University. In the 70's Prof James C Barton pioneered Semi Micro Inorganic Qualitative Analysis in University of Mumbai and all its affiliated colleges-indeed a great innovation in Experimental Chemistry

The Department has always been an active centre of research and has to its credit a good number of papers in prestigious Indian and International journals like Nature, Transactions of the Chemical Society, Analytical Chemistry, Organometallic chemistry, Indian Journal of Chemistry, Rasayan Journal of Chemistry to name a few. Some of the current areas of research are Kinetic studies of Organic reactions, Catalysis, Environmental Chemistry, Coordination Chemistry, Pharmaceutical Chemistry and Biochemistry.

The Chemistry Department has very well equipped laboratories and library and has a large enrolment of students at the graduate and postgraduate levels. The Department has received many research grants from UGC, New Delhi and other Government funding agencies. The highly qualified faculty is actively involved in the post graduate teaching programme of University of Mumbai and serves as resource persons for the National level competitive examination workshops. The Department offers M Sc in all branches of Chemistry and PhD.

The Indian Association of Chemistry Teachers (now Association of Chemistry Teachers) was started in the Chemistry Department in 2000 to serve as the national registered apex body of Chemistry educators. Wilson College teachers are actively involved in the Indian National and International Chemistry and Junior Science Olympiad Programmes.

The Department offers many services to the students under its charge like Career guidance cell, Placement cell, Chemistry Seminar, Parent-Teacher Association, Industry-academia interaction and Chemistry Alumni.

#### 3. Department of Mathematics

The Department of Mathematics, established in the year 1836, is one of the oldest departments of the college. The department provides an environment, where students can learn and become competent users of Mathematics and its applications. The dedicated faculty strives towards the development of students not only as independent mathematical thinkers, enabling them to become lifelong learners but also to function as productive and holistic citizens. The department strives to develop a deeper understanding of Mathematics with the appropriate use of technology. Technology can support students in every area of Mathematics and allow them to focus on decision making, reasoning and

problem solving. The students are regularly motivated to confidently engage in complex mathematical tasks chosen carefully by dedicated teachers. The focus of the course is to provide students with an introduction and visualization using programming language. They get exposure to problem solving techniques using computer softwares. They understand the concept of Mathematics to interact with other subjects like Physics, Computer Science, Chemistry, Statistics etc. Students learn analyzing skills and interpret knowledge to work on various interdisciplinary projects. This makes students competent and increases their employability potential.

The students make use of the Enrichment Lectures for all the classes conducted by the department. We also have a regular peer mentoring program with a staff in-charge for each of the classes. The Parent Teacher Meeting for TYBSc students in each term, helps in the smooth functioning of the department. Some of the potential higher studies options for learners who became majors in the discipline are MSc, MBA, MCA, Ph.D, Data Science, Machine Learning, Artificial Intelligence etc. All these courses can lead students to acquire some potential employment avenues according to their career choices.

The Maths Society was initiated by the department with an aim to inculcate interests in Mathematics and eliminate phobia in Mathematics. In the past years, the Maths Society conducted various interesting Maths related events like Matha Modulus, Logicana, Treasure Hunt, Poster Competition etc., which deepened the students' mathematical understanding and reasoning.

#### 4. Department of Microbiology

Microbiology Department was established in 1961 with 6 units Microbiology at T Y BSc, the department is also recognized by the Mumbai University as Postgraduate (1977) and Ph.D. centre ( 2000) in Microbiology.

The objectives of the department is to enable students acquire the academic standards to be globally competent in Microbiology and allied sciences and produce Microbiologists of excellent caliber with expertise and exceptional skills, and to imbibe professional ethics and motivate them to implement these values in their careers and holistic development.

The department has a highly experienced and dedicated team: Dr Anuradha S Pendse (H.O.D), Dr Radhika Birmole, Mrs Meghana R Gore and Ms. Candida. The staff is actively engaged in training students to excel in academics by adopting innovative teaching and assessment methods keeping abreast with the new technology and trends.

A well-equipped laboratory is available for staff and students for laboratory and research work instruments like PCR machine, laminar air flow, gel doc system, UV-Vis spectrophotometer, Rota Vac, Soxhlet apparatus, fermentor, sonicator, lyophilizer, FTIR etc are installed. The department has a library with more than 815 hard copy books and e books.

We have received research grants -UGC Major - 03, UGC Minor - 02, Mumbai University Minor research grants - 15, and 06-Wilson College research grants, the staff and students present their work in many national, international scientific forums and also publish their work in reputed International and National Journals. The department has to its credits 91 papers published and 116 posters presented till date.

The research activity of the department has facilitated collaborative work with reputed institutes like JAYPEE Institute of Information Technology, Noida, (ICT) Mumbai, Bombay College of Pharmacy, Bharati Vidyapeeth College of Pharmacy, Mumbai and Department of Biological Sciences, TIFR.

The department organizes International Conference, National Symposium, Seminars Molecular Biology Workshops, Bioinformatics Workshop, guidance lectures for career and competitive exams, students conduct several curricular related activities like school workshop, Intercollegiate annual department festival Biomosaic. Every year S.Y.B.Sc. students are enroll for Internship to reputed pharmaceuticals, industries, research centers, pathology laboratories and hospitals. The students also visit premier institutions like ACTREC, TIFR.

As a social responsibility students undertake activities -Analysis of the water sample from Charni Road station, 'MICROWORLD' an open day for school students of Mumbai, health awareness programs, "Helping hands" which caters to the needs of the old, poor, ailing people and orphan children.

The alumni of the department have been supportive and encouraging. They are connected to their alma mater as resource persons for career guidance, providing internships and placement opportunities.

We are proud of our alumni who were university rank holders in Microbiology: 2012-13 Apeksha Nagare, 2013-14, Shailesh lad, Ruth Amanna and Anagha Naik who bagged the 1st, 2nd and 3rd rank respectively in Mumbai University. Scholarships in the name of our Alumni Prema Arya and Vikrant Khanvilkar have been instituted for deserving students of Microbiology.

#### 5. Department of Physics

The aim of the Physics department established in 1887, is to prepare students for a future career in the subject of physics and its allied areas. Students graduating in the subject from Wilson College are well placed in academia and industry. Physics as a subject has been the cornerstone of an expanding body of knowledge in modern times, leading to a deep understanding of our physical universe and producing countless advances in technology. The applications of the subject and the ideas it throws up constantly have completely revolutionized the way we live and think. This requires any student in physics to have a good grounding in theoretical and experimental aspects of the subject. Students need to build skills required to deal with any challenges that the subject throws up. Keeping in mind the depth of the subject and the breadth of its applications, the department is experienced and well equipped to guide students in the study of physics and develop in them skills necessary to build a successful career.

#### 5. Department of Zoology

The department of Zoology was established in the year 1969. Department is committed to imparted extensive subject knowledge, on field experiences & to inculcate research attitude among our multitude of students with a vision to produce environment conscious, confident people skilled to preserve nature.

Well equipped library with over 3000 books and journals, well maintained museum with rare specimen and fossils, an active Zoology Club totally managed by students with guidance from staff members are the special facilities that department offers to its students.

Department offers remedial coaching to the students who require the same.

The department offers B.Sc in Zoology with Fishery Biology as applied component and M.Sc by papers with Animal Physiology as specialization. The comprehensive and robust syllabi are tailored to provide not only comprehensive knowledge but also provide an edge to our students to clear competitive examinations successfully.

The department arranges various activities like festivals, excursions, field visit, nature trails and competitions. 'Shutter bug' animal life photography competition, 'Fish O Fest' is the sea food cooking competition are the two very popular events arranged annually. Eminent speakers and well placed alumni are invited to talk to students.

There are 20 seats at T.Y.B.Sc level, 10 seats at M.Sc part1 and 10 seats at M.Sc part2 level. Admissions are made on the basis of merit.

Students major with Zoology at T.Y.B.Sc and M.Sc level can opt for higher studies, prepare for competitive examinations or employment in government, semi-government and corporate sectors.

The alumni from Zoology department are well placed at higher posts in government and corporate sectors.

### **Course code and Course Titles for Science**

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBSc	1	DSC1 (Ma-	Botany	2	WSB0TMJ111/	Plant Diversity I
		jor/Minor)			WSB0TMN111	
FYBSc	1	DSC2 (Ma-	Botany	2	WSB0TMJ112/	Form & Function - I
		jor/Minor)			WSB0TMN112	
FYBSc	1	DSC3 (Ma-	Botany	2	WSB0TMJ113/	Practical I
		jor/Minor)			WSB0TMN113	
FYBSc	1	DSC1 (Ma-	Chemistry	2	WSCHEMJ111/	General Chemistry-I
		jor/Minor)			WSCHEMN111	
FYBSc	1	DSC2 (Ma-	Chemistry	2	WSCHEMJ112/	General Chemistry-II
		jor/Minor)			WSCHEMN112	
FYBSc	1	DSC3 (Ma-	Chemistry	2	WSCHEMJ113/	Chemistry Practical-I
		jor/Minor)			WSCHEMN113	
FYBSc	1	DSC1 (Ma-	Mathematics	2	WSMATMJ111/	CALCULUS I
		jor/Minor)			WSMATMN111	
FYBSc	1	DSC2 (Ma-	Mathematics	2	WSMATMJ112/	ALGEBRA
		jor/Minor)			WSMATMN112	
FYBSc	1	DSC3 (Ma-	Mathematics	2	WSMATMJ113/	MATHEMATICS
		jor/Minor)			WSMATMN113	PRACTICAL I
FYBSc	1	DSC1 (Ma-	Microbiology	2	WSMICMJ111/	Understanding His-
		jor/Minor)			WSMICMN111	tory, Scope of micro-
						biology ultrastructure
						of Prokaryotes and
						chemistry of life

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBSc	1	DSC2 (Ma-	Microbiology	2	WSMICMJ112/	Introduction to Mi-
		jor/Minor)			WSMICMN112	crobial Life
FYBSc	1	DSC3 (Ma-	Microbiology	2	WSMICMJ113/	Basic techniques in
		jor/Minor)			WSMICMN113	Microbiology
FYBSc	1	DSC1 (Ma-	Physics	2	WSPHYMJ111/	Basic Electronics
		jor/Minor)			WSPHYMN111	
FYBSc	1	DSC2 (Ma-	Physics	2	WSPHYMJ112/	Modern Physics
		jor/Minor)			WSPHYMN112	
FYBSc	1	DSC3 (Ma-	Physics	2	WSPHYMJ113/	Practical I
		jor/Minor)			WSPHYMN113	
FYBSc	1	DSC1 (Ma-	Zoology	2	WSZ00MJ111/	Invertebrate zoology
		jor/Minor)			WSZ00MN111	and basic animal
						physiology
FYBSc	1	DSC2 (Ma-	Zoology	2	WSZ00MJ112/	Biochemistry and
		jor/Minor)			WSZ00MN112	ethology
FYBSc	1	DSC3 (Ma-	Zoology	2	WSZ00MJ113/	Zoology practical
		jor/Minor)			WSZ00MN113	
FYBSc	1	SEC	BOTANY	2	WSB0TSE111	Gardening : Basics
FYBSc	1	SEC	CHEMISTRY	2	WSCHESE111	Basic Analytical
						Chemistry-Practical
FYBSc	1	SEC	MATHEMAT-	2	WSMATSE111	INTRODUCTION TO R
			ICS			PROGRAMMING
FYBSc	1	SEC	MICROBIOL-	2	WSMICSE111	Techniques and
			OGY			Biosafety processes
						in Diagnostic Labora-
						tory
FYBSc	1	SEC	PHYSICS	2	WSPHYSE111	Basic Measurements
						and Calculations
FYBSc	1	SEC	ZOOLOGY	2	WSZ00SE111	Introduction to
						aquarium setting
FYBSc	2	DSC1 (Ma-	Botany	2	WSB0TMJ121/	Plant Diversity I
		jor/Minor)			WSB0TMN121	
FYBSc	2	DSC2 (Ma-	Botany	2	WSB0TMJ122/	Form & Function - I
		jor/Minor)			WSB0TMN122	
FYBSc	2	DSC3 (Ma-	Botany	2	WSB0TMJ123/	Practical II
		jor/Minor)			WSB0TMN123	
FYBSc	2	DSC1 (Ma-	Chemistry	2	WSCHEMJ121/	General Chemistry-III
		jor/Minor)			WSCHEMN121	

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBSc	2	DSC2 (Ma-	Chemistry	2	WSCHEMJ122/	General Chemistry-IV
		jor/Minor)			WSCHEMN122	
FYBSc	2	DSC3 (Ma-	Chemistry	2	WSCHEMJ123/	Chemistry Practical-II
		jor/Minor)			WSCHEMN123	
FYBSc	2	DSC1 (Ma-	Mathematics	2	WSMATMJ121/	CALCULUS II
		jor/Minor)			WSMATMN121	
FYBSc	2	DSC2 (Ma-	Mathematics	2	WSMATMJ122/	LINEAR ALGEBRA
		jor/Minor)			WSMATMN122	
FYBSc	2	DSC3 (Ma-	Mathematics	2	WSMATMJ123/	MATHEMATICS
		jor/Minor)			WSMATMN123	PRACTICAL 2
FYBSc	2	DSC1 (Ma-	Microbiology	2	WSMICMJ121/	Study of Eukaryotic
		jor/Minor)			WSMICMN121	microorganisms
FYBSc	2	DSC2 (Ma-	Microbiology	2	WSMICMJ122/	Microbial growth and
		jor/Minor)			WSMICMN122	nutrition
FYBSc	2	DSC3 (Ma-	Microbiology	2	WSMICMJ123/	Cultivation and
		jor/Minor)			WSMICMN123	Measurement of
						microbial growth
FYBSc	2	DSC1 (Ma-	Physics	2	WSPHYMJ121/	Thermodynamics
		jor/Minor)			WSPHYMN121	
FYBSc	2	DSC2 (Ma-	Physics	2	WSPHYMJ122/	Geometrical Optics
		jor/Minor)			WSPHYMN122	and Photometry
FYBSc	2	DSC3 (Ma-	Physics	2	WSPHYMJ123/	Practical II
		jor/Minor)			WSPHYMN123	
FYBSc	2	DSC1 (Ma-	Zoology	2	WSZ00MJ121/	Chordate taxonomy
		jor/Minor)			WSZ00MN121	and life processes
FYBSc	2	DSC2 (Ma-	Zoology	2	WSZ00MJ122/	Molecular basis of
		jor/Minor)			WSZ00MN122	life and Genetics
FYBSc	2	DSC3 (Ma-	Zoology	2	WSZ00MJ123/	Zoology practical
		jor/Minor)			WSZ00MN123	
FYBSc	2	SEC	BOTANY	2	WSB0TSE121	Gardening: Advanced
FYBSc	2	SEC	CHEMISTRY	2	WSCHESE121	Applied Chemistry-
						Practical
FYBSc	2	SEC	MATHEMAT-	2	WSMATSE121	INTRODUCTION TO
			ICS			SCILAB
FYBSc	2	SEC	MICROBIOL-	2	WSMICSE121	Physical, Chemical
			OGY			and Microbiological
						analysis of potable
						and waste-water

| 40 | PROSPECTUS FOR WILSON COLLEGE | 41 |

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBSc	2	SEC	PHYSICS	2	WSPHYSE121	Mathematical Tech-
						niques
FYBSc	2	SEC	ZOOLOGY	2	WSZ00SE121	Introduction to
						breeding and han-
						dling of ornamental
						fishes
SYBSc	3	DSC Major 1	Botany	2	WSB0TMJ231	Plant Diversity II
SYBSc	3	DSC Major 2	Botany	2	WSB0TMJ232	Form & Function – II
SYBSc	3	DSC Major 3	Botany	2	WSB0TMJ233	Botany Practical-3
SYBSc	3	DSC Minor 1	Botany	2	WSB0TMN231	Plant Forms
SYBSc	3	DSC Minor 2	Botany	2	WSB0TMN232	Botany Minor Practi-
						cal- 3
SYBSc	3	DSC Major 1	Chemistry	2	WSCHEMJ231	Physical and Inor-
						ganic Chemistry I
SYBSc	3	DSC Major 2	Chemistry	2	WSCHEMJ232	Organic and Analyti-
						cal Chemistry- I
SYBSc	3	DSC Major 3	Chemistry	2	WSCHEMJ233	Chemistry Practical-
						III
SYBSc	3	DSC Minor 1	Chemistry	2	WSCHEMN231	Physical and Inor-
						ganic Chemistry
SYBSc	3	DSC Minor 2	Chemistry	2	WSCHEMN232	Physical and Inor-
						ganic Chemistry
						Practicals
SYBSc	3	DSC Major 1	Mathematics	2	WSMATMJ231	CALCULUS III
SYBSc	3	DSC Major 2	Mathematics	2	WSMATMJ232	INTRODUCTION TO
						VECTOR SPACES
						AND LINEAR TRANS-
						FORMATIONS
SYBSc	3	DSC Major 3	Mathematics	2	WSMATMJ233	MATHEMATICS
0) (5.0						PRACTICAL 3
SYBSc	3	DSC Minor 1	Mathematics	2	WSMATMN231	VECTOR ALGEBRA
0)/50		D00 141 - 5	D.O. of	-	NA CONTACTOR AND	AND INTEGRALS
SYBSc	3	DSC Minor 2	Mathematics	2	WSMATMN232	VECTOR ALGEBRA
						AND INTEGRALS
0)/20		D00 N4 1 4	B.4: 1: 1	-	NA CONTINUE A LOCA	PRACTICAL
SYBSc	3	DSC Major 1	Microbiology	2	WSMICMJ231	INTRODUCTION
						TO GENETICS AND
						VIROLOGY

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
SYBSc	3	DSC Major 2	Microbiology	2	WSMICMJ232	FUNDAMENTALS OF IMMUNOLOGY AND MEDICAL MICROBI- OLOGY
SYBSc	3	DSC Major 3	Microbiology	2	WSMICMJ233	INTRODUCTION TO DIAGNOSTIC MICROBIOLOGY AND SEROLOGY
SYBSc	3	DSC Minor 1	Microbiology	2	WSMICMN231	Food Microbiology
SYBSc	3	DSC Minor 2	Microbiology	2	WSMICMN232	MICROBIAL FOOD TECHNOLOGY
SYBSc	3	DSC Major 1	Physics	2	WSPHYMJ231	Mechanics I
SYBSc	3	DSC Major 2	Physics	2	WSPHYMJ232	Thermodynamics II
SYBSc	3	DSC Major 3	Physics	2	WSPHYMJ233	Physics Practical Course 3
SYBSc	3	DSC Minor 1	Physics	2	WSPHYMN231	Waves and Oscilla- tions
SYBSc	3	DSC Minor 2	Physics	2	WSPHYMN232	Physics Practical Course 3
SYBSc	3	DSC Major 1	Zoology	2	WSZ00MJ231	Unicellular, Multicel- lular Acoelomate life and Molecular Biology
SYBSc	3	DSC Major 2	Zoology	2	WSZ00MJ232	Developmental Biology and Ecology
SYBSc	3	DSC Major 3	Zoology	2	WSZ00MJ233	Semester 3 Practical
SYBSc	3	DSC Minor 1	Zoology	2	WSZ00MN231	Wonders of Animal world and Biodiversity Conservation
SYBSc	3	DSC Minor 2	Zoology	2	WSZ00MN232	Semester 3 Practical
SYBSc	3	SEC	BOTANY	2	WSB0TSE231	Essential skills for Botanists
SYBSc	3	SEC	CHEMISTRY	2	WSCHESE231	Applied Chemistry- Practical II
SYBSc	3	SEC	MATHEMAT- ICS	2	WSMATSE231	SOLVING POLYNOMI- AL USING MATLAB/ SCILAB

| 42 | PROSPECTUS FOR WILSON COLLEGE | 43 |

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
SYBSc	3	SEC	MICROBIOL-	2	WSMICSE231	MICROBIOLOGI-
			OGY			CAL EXAMINATION
						OF SOIL, AIR AND
						WATER
SYBSc	3	SEC	PHYSICS	2	WSPHYSE231	Computational Tech-
						niques Using Python
SYBSc	3	SEC	ZOOLOGY	2	WSZ00SE231	Laboratory Safety
						and Instrumentation
SYBSc	4	DSC Major 1	Botany	2	WSB0TMJ241	Form & Function – II
SYBSc	4	DSC Major 2	Botany	2	WSB0TMJ242	Current Trends in
						Plant Science I
SYBSc	4	DSC Major 3	Botany	2	WSB0TMJ243	Botany Practical- 4
SYBSc	4	DSC Minor 1	Botany	2	WSB0TMN241	Plant Functions and
						Applications
SYBSc	4	DSC Minor 2	Botany	2	WSB0TMN242	Botany Minor Practi-
						cal- 4
SYBSc	4	DSC Major 1	Chemistry	2	WSCHEMJ241	Physical and Inor-
						ganic Chemistry II
SYBSc	4	DSC Major 2	Chemistry	2	WSCHEMJ242	Organic and Analyti-
						cal Chemistry- II
SYBSc	4	DSC Major 3	Chemistry	2	WSCHEMJ243	Chemistry Practical-
						IV
SYBSc	4	DSC Minor 1	Chemistry	2	WSCHEMN241	Analytical and Or-
						ganic Chemistry
SYBSc	4	DSC Minor 2	Chemistry	2	WSCHEMN242	Analytical and
						Organic Chemistry
						Practicals
SYBSc	4	DSC Major 1	Mathematics	2	WSMATMJ241	MULTIVARIABLE
						CALCULUS I
SYBSc	4	DSC Major 2	Mathematics	2	WSMATMJ242	INNER PRODUCT
						SPACES AND DI-
						AGONALIZATION OF
						MATRICES
SYBSc	4	DSC Major 3	Mathematics	2	WSMATMJ243	MATHEMATICS
						PRACTICAL 4
SYBSc	4	DSC Minor 1	Mathematics	2	WSMATMN241	GRADIENT AND IN-
						TEGRAL THEOREMS
SYBSc	4	DSC Minor 2	Mathematics	2	WSMATMN242	GRADIENT AND IN-
						TEGRAL THEOREMS
						PRACTICAL

	Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
	SYBSc	4	DSC Major 1	Microbiology	2	WSMICMJ241	INTRODUCTION TO
							BIOCHEMISTRY
	SYBSc	4	DSC Major 2	Microbiology	2	WSMICMJ242	FOOD AND FERMEN-
							TATION TECHNOL-
L							OGY
	SYBSc	4	DSC Major 3	Microbiology	2	WSMICMJ243	ANALYSIS OF BIO-
							MOLECULES
	SYBSc	4	DSC Minor 1	Microbiology	2	WSMICMN241	SOIL, AIR AND WA-
ļ		_			_		TER MICROBIOLOGY
	SYBSc	4	DSC Minor 2	Microbiology	2	WSMICMN242	MICROBIOLOGI-
							CAL EXAMINATION
							OF SOIL, AIR AND
ŀ	01/70		500.14 : 4			14/07/19/19/19	WATER
ŀ	SYBSc	4	DSC Major 1	Physics	2	WSPHYMJ241	Quantum Mechanics
-	SYBSc	4	DSC Major 2	Physics	2	WSPHYMJ242	Physical Optics
	SYBSc	4	DSC Major 3	Physics	2	WSPHYMJ243	Physics Practical
ŀ	0\/D0	4	DOO NA: 4	DI '	0	NA CODUNA AND A A	Course 4
	SYBSc	4	DSC Minor 1	Physics	2	WSPHYMN241	Intermediate Electric-
-	CVDC -	4	DCC Min and	Discosione	2	VA/CDLIV/VANIO40	ity & Magnetism
	SYBSc	4	DSC Minor 2	Physics	2	WSPHYMN242	Physics Practical Course 4
-	SYBSc	4	DCC Major 1	Zaalaav	2	WSZ00MJ241	Chordate Life and
	31030	4	DSC Major 1	Zoology	Z	VV3ZUUIVIJZ41	
-	SYBSc	4	DSC Major 2	Zoology	2	WSZ00MJ242	Inheritance Biology Cell Biology and En-
	31030	7	D3C Iviajoi Z	Zoology	2	VV32001VI3242	domembrane system
ŀ	SYBSc	4	DSC Major 3	Zoology	2	WSZ00MJ243	Semester 4 Practical
ŀ	SYBSc	4	DSC Minor 1	Zoology	2	WSZ00MN241	Origin and Evolution,
	01000		BOO WIIIIOI I	2001099	_	VV02001VII V2 11	Parasitology
ŀ	SYBSc	4	DSC Minor 2	Zoology	2	WSZ00MN242	Semester 4 Practical
f	SYBSc	4	VSC	BOTANY	2	WSB0TVS241	Food Processing and
	0.200				_		Preservation
ľ	SYBSc	4	VSC	CHEMISTRY	2	WSCHEVS241	Applied Chemistry-
							Practical IV
ı	SYBSc	4	VSC	MATHEMAT-	2	WSMATVS241	NUMERICAL METH-
				ICS			ODS USING MAT-
							LAB/SCILAB
	SYBSc	4	VSC	MICROBIOL-	2	WSMICVS241	TECHNIQUES IN
				OGY			FOOD MICROBIOL-
							OGY
L							

| 44 | PROSPECTUS FOR WILSON COLLEGE | 45 |

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter	1/00	DUVOIO	its	14/0DLIVA/0044	
SYBSc	4	VSC	PHYSICS	2	WSPHYVS241	Laboratory Technique
0)/700		1100	7001001		14070010044	for Instrumentation
SYBSc	4	VSC	ZOOLOGY	2	WSZ00VS241	Field Sciences
TYBSc	5	DSC1	Botany	4	WSB0TDC351	Plant Diversity III
TYBSc	5	DSC2	Botany	4	WSB0TDC352	Form and Function III
TYBSc	5	DSC3	Botany	4	WSBOTDC353	Practical based on
						Plant Diversity III and
						Form and Function III
TYBSc	5	DSE1	Botany	2	WSB0TDE351	Economics Botany
TYBSc	5	DSE2	Botany	2	WSB0TDE352	Biofertilizers
TYBSc	5	DSE1 PRAC-	Botany	2	WSB0TDE355	Practical Based on
		TICAL				Economic Botany
TYBSc	5	DSE2 PRAC-	Botany	2	WSB0TDE356	Practical Based on
		TICAL				Biofertilizers
TYBSc	5	VSC	Botany	2	WSB0TVS351	Training as Field
						Guide
TYBSc	5	DSC1	Chemistry	4	WSCHEDC351	Physical and Inor-
			·			ganic Chemistry III
TYBSc	5	DSC2	Chemistry	4	WSCHEDC352	Organic and Analyti-
			·			cal Chemistry- III
TYBSc	5	DSC3	Chemistry	4	WSCHEDC353	Physical and Organic
			·			Chemistry Practical-II
TYBSc	5	DSE1	Chemistry	2	WSCHEDE351	Spectroscopic Tech-
			,			niques
TYBSc	5	DSE2	Chemistry	2	WSCHEDE352	Comparative Chem-
			,			istry and Drugs
						Chemistry
TYBSc	5	DSE1 PRAC-	Chemistry	2	WSCHEDE355	Inorganic Chemistry
		TICAL	,			Practical
TYBSc	5	DSE2 PRAC-	Chemistry	2	WSCHEDE356	General Chemistry
		TICAL	,			Practical
TYBSc	5	VSC	Chemistry	2	WSCHEVS351	VSC Practical II (Ana-
		. 3 3	,	_		lytical Lab)
TYBSc	5	DSC1	Mathematics	4	WSMATDC351	Calculus and Differ-
						ential Equations
TYBSc	5	DSC2	Mathematics	4	WSMATDC352	Abstract Algebra
TYBSc	5	DSC3	Mathematics	4	WSMATDC353	Mathematics Practi-
11030	3	D303	iviatilelilatics	7	AAGIAIVI DO222	cal 5
						Cal 3

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
TYBSc	5	DSE1	Mathematics	2	WSMATDE351	Probability and Statistics
TYBSc	5	DSE2	Mathematics	2	WSMATDE352	-
TYBSc	5	DSE1 PRAC- TICAL	Mathematics	2	WSMATDE355	Probability and Sta- tistics using R
TYBSc	5	DSE2 PRAC- TICAL	Mathematics	2	WSMATDE356	-
TYBSc	5	VSC	Mathematics	2	WSMATVS351	Introduction to Python Programming 3.X
TYBSc	5	DSC1	Microbiology	4	WSMICDC351	General Biochemistry
TYBSc	5	DSC2	Microbiology	4	WSMICDC352	Microbial Genetics
TYBSc	5	DSC3	Microbiology	4	WSMICDC353	Laboratory Tech- niques in Microbial Genetics and Bio- chemistry
TYBSc	5	DSE1	Microbiology	2	WSMICDE351	Recombinant DNA technology and its applications
TYBSc	5	DSE2	Microbiology	2	WSMICDE352	Bioprocess Technol- ogy
TYBSc	5	DSE1 PRAC- TICAL	Microbiology	2	WSMICDE355	Cell biology and Genetic techniques
TYBSc	5	DSE2 PRAC- TICAL	Microbiology	2	WSMICDE356	Techniques in Biopro- cess Technology
TYBSc	5	VSC	Microbiology	2	WSMICVS351	Diagnostic Microbiology techniques
TYBSc	5	DSC1	Physics	4	WSPHYDC351	Electrodynamics
TYBSc	5	DSC2	Physics	4	WSPHYDC352	Atomic and Nuclear Physics
TYBSc	5	DSC3	Physics	4	WSPHYDC353	Physics Practical 5
TYBSc	5	DSE1	Physics	2	WSPHYDE351	Material Science Theory
TYBSc	5	DSE2	Physics	2	WSPHYDE352	Analog Electronics Theory
TYBSc	5	DSE1 PRAC- TICAL	Physics	2	WSPHYDE355	Material Science Practical
TYBSc	5	DSE2 PRAC- TICAL	Physics	2	WSPHYDE356	Analog Electronics Practical

| 46 | PROSPECTUS FOR WILSON COLLEGE | 47 |

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
TYBSc	5	VSC	Physics	2	WSPHYVS351	Arduino Applications
TYBSc	5	DSC1	Zoology	4	WSZ00DC351	Animal Study and
						Bioinformatics
TYBSc	5	DSC2	Zoology	4	WSZ00DC352	General Physiology
TYBSc	5	DSC3	Zoology	4	WSZ00DC353	Zoology Practicals 5
TYBSc	5	DSE1	Zoology	2	WSZ00DE351	Environmental Stud-
						ies Physiology
TYBSc	5	DSE2	Zoology	2	WSZ00DE352	Pathology and Epide-
						miology
TYBSc	5	DSE1 PRAC-	Zoology	2	WSZ00DE355	Practicals based
		TICAL				on Environmental
	_			_		Studies
TYBSc	5	DSE2 PRAC-	Zoology	2	WSZ00DE356	Practicals based on
		TICAL				Pathology and Epide-
7.72	_	1100				miology
TYBSc	5	VSC	Zoology	2	WSZ00VS351	Fisheries
7.700		5004			11/050750004	DI . DI
TYBSc	6	DSC1	Botany	4	WSB0TDC361	Plant Diversity IV
TYBSc	6	DSC2	Botany	4	WSB0TDC362	Form and Function IV
TYBSc	6	DSE1	Botany	2	WSB0TDE361	Nutraceuticals
TYBSc	6	DSE2	Botany	2	WSB0TDE362	Bioinformatics
TYBSc	6	DSE1 PRAC-	Botany	2	WSB0TDE365	Practicals based on
77/700		TICAL	D :		MODOTDEOGO	Nutraceuticals
TYBSc	6	DSE2 PRAC-	Botany	2	WSB0TDE366	Practicals based on
T) (D0	0	TICAL	Б. /	0	NA COROTTI COROLA	Bioinformatics
TYBSc	6	VSC1	Botany	2	WSB0TVS361	Plant Pathology and
TVDO	0	1/000	Б. (	0	MACO CTUO CO	Pests
TYBSc	6	VSC2	Botany	2	WSB0TVS362	Urban Horticulture
TVDC		DCC1	Ola a mail a time	4	WCCUEDC2C1	Dhusiaal and ban
TYBSc	6	DSC1	Chemistry	4	WSCHEDC361	Physical and Inor-
TVDCa	C	Deca	Chamaiatm	4	MCCHEDCaca	ganic Chemistry-IV
TYBSc	6	DSC2	Chemistry	4	WSCHEDC362	Organic and Analyti-
TVDC	6	DSE1	Chamiatra	2	WSCHEDE361	cal Chemistry-IV
TYBSc	0	DSET	Chemistry		VVSCHEDESOI	Spectroscopic and Chromatographic
						Techniques
TYBSc	6	DCC2	Chamiatra	2	Weentheses	Trends in Materi-
11000	0	DSE2	Chemistry		WSCHEDE362	als and Sustainable
						Chemistry

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
TYBSc	6	DSE1 PRAC- TICAL	Chemistry	2	WSCHEDE365	Physical & Analytical Chemistry Practical
TYBSc	6	DSE2 PRAC- TICAL	Chemistry	2	WSCHEDE366	Inorganic & Organic Chemistry Practical
TYBSc	6	VSC1	Chemistry	2	WSCHEVS361	VSC Practical-III
TYBSc	6	VSC2	Chemistry	2	WSCHEVS362	VSC Practical-IV
TYBSc	6	DSC1	Mathematics	4	WSMATDC361	Real and Complex Analysis
TYBSc	6	DSC2	Mathematics	4	WSMATDC362	Topology of Metric Spaces
TYBSc	6	DSE1	Mathematics	2	WSMATDE361	Graph Theory
TYBSc	6	DSE2	Mathematics	2	WSMATDE362	-
TYBSc	6	DSE1 PRAC- TICAL	Mathematics	2	WSMATDE365	Graph Theory using Python
TYBSc	6	DSE2 PRAC- TICAL	Mathematics	2	WSMATDE366	-
TYBSc	6	VSC1	Mathematics	2	WSMATVS361	Mathematical Foun- dations for Machine Learning with Python
TYBSc	6	VSC2	Mathematics	2	WSMATVS362	Excel in Mathemati- cal Finance
TYBSc	6	DSC1	Microbiology	4	WSMICDC361	Microbial Metabo- lism
TYBSc	6	DSC2	Microbiology	4	WSMICDC362	Medical Microbiology and Immunology
TYBSc	6	DSE1	Microbiology	2	WSMICDE361	Bioprocess Technol- ogy
TYBSc	6	DSE2	Microbiology	2	WSMICDE362	Recombinant DNA technology and its applications
TYBSc	6	DSE1 PRAC- TICAL	Microbiology	2	WSMICDE365	Techniques in Biopro- cess Technology
TYBSc	6	DSE2 PRAC- TICAL	Microbiology	2	WSMICDE366	Cell biology and Genetic techniques
TYBSc	6	VSC1	Microbiology	2	WSMICVS361	Techniques in Serol- ogy

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter	1/000	D. 4: 1: 1	its		0 114 4
TYBSc	6	VSC2	Microbiology	2	WSMICVS362	Quality Assurance
						and Quality Control
TVDO	0	D004	DI :	4	MODUNDO004	for Processed Food
TYBSc	6	DSC1	Physics	4	WSPHYDC361	Mechanics & Relativ-
TVDC -		DCC2	Dharaina	4	MCDINDCaca	ity
TYBSc	6	DSC2	Physics	4	WSPHYDC362	Solid State Physics
TVDC	6	DCE1	Dhusias	2	WSPHYDE361	and Devices
TYBSc	О	DSE1	Physics	Z	VVSPHYDE301	Nanoscience and
						Nanotechnology
TYBSc	6	DSE2	Physics	2	WSPHYDE362	Theory Digital Electronics
HIDSC	0	DSEZ	Filysics	2	VVSFHTDE30Z	Theory
TYBSc	6	DSE1 PRAC-	Physics	2	WSPHYDE365	Nanoscience and
11000	0	TICAL	Tilysics	2	VVSITITDESUS	Nanotechnology
		HOAL				Practical
TYBSc	6	DSE2 PRAC-	Physics	2	WSPHYDE366	Digital Electronics
11000		TICAL	1 1173103	2	VVOITITELOGG	Practical
TYBSc	6	VSC1	Physics	2	WSPHYVS361	8085 Microprocessor
11500		1001	11170100	_	770771170001	Programming
TYBSc	6	VSC2	Physics	2	WSPHYVS362	C++ Programming
TYBSc	6	DSC1	Zoology	4	WSZ00DC361	Animal Anatomy and
						Biometrics
TYBSc	6	DSC2	Zoology	4	WSZ00DC362	Genomics and Evolu-
						tionary Studies
TYBSc	6	DSE1	Zoology	2	WSZ00DE361	Nutrition and Health
TYBSc	6	DSE2	Zoology	2	WSZ00DE362	Forensic Zoology and
						Entomology
TYBSc	6	DSE1 PRAC-	Zoology	2	WSZ00DE365	Practicals based on
		TICAL				Nutrition and Health
TYBSc	6	DSE2 PRAC-	Zoology	2	WSZ00DE366	Practicals based on
		TICAL				Forensic Zoology and
<b>-</b>						Entomology
TYBSc	6	VSC1	Zoology	2	WSZ00VS361	Haematology Prac-
77.75		110.00			11/0706: :055	ticals
TYBSc	6	VSC2	Zoology	2	WSZ00VS362	Medical Diagnostics
						Practicals

# Wilson College- VEC, AEC, OE & IKS Courses

Under the National Education Policy (NEP) 2020 framework, Wilson College (Autonomous), Mumbai offers a vibrant and multidisciplinary curriculum that includes Value Education Courses (VEC), Ability Enhancement Courses (AEC), Open Electives (OE), and Indian Knowledge System (IKS) courses. These courses are designed to nurture holistic development, ethical awareness, communication proficiency, and cultural understanding. VECs focus on instilling values and social responsibility; AECs enhance language and communication skills; OEs promote interdisciplinary learning; and IKS courses reconnect students with India's intellectual and cultural heritage. Together, these offerings reflect Wilson College's commitment to providing a well-rounded education in line with NEP-2020.

Value Education Course for BA and BSc

			VEC for BA	and BSc	;	
Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBA	1	VEC	English	2	WAENGVE111	Understanding Indian Culture through Cin- ema
FYBA	1	VEC	Political Sci- ence	2	WAPOLVE111	Introduction to Values of the Indian Constitution
SYBA	3	VEC	English	2	WAENGVE231	Contemporary Pro- test Narratives
SYBA	3	VEC	Philosophy	2	WAPHIVE231	Modern Indian Phi- losophy
SYBA	3	VEC	Sociology	2	WASOCVE231	Environmental Studies: Basic and Contemporary Approach and Analysis
FYBSc	1	VEC	BOTANY	2	WSB0TVE111	Environmental Laws and Ethics
FYBSc	1	VEC	CHEMISTRY	2	WSCHEVE111	Environmental Chemistry
SYBSc	3	VEC	BOTANY	2	WSB0TVE231	Agrodiversity and Food Diversity of India
SYBSc	3	VEC	CHEMISTRY	2	WSCHEVE231	Non Conventional Sources of Energy
SYBSc	3	VEC	Physics	2	WSPHYVE231	Digital Communica- tion Technologies

# **Ability Enhancement Course for BA and BSc**

			AEC for BA	and BS	C	
Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBA	1	AEC	English	2	WAENGAE111	Communication Skills in English
FYBA	2	AEC	English	2	WAENGAE111	Advanced Com- munication Skills in English
SYBA	3	AEC	Marathi	2	WCMARAE231	Communication Skills in Marathi I
SYBA	3	AEC	Hindi	2	WCHINAE231	Adhunik Hindi Kahaa- nee Aur Srjnatmak Lekhan Evam Bhasha Gyaan
SYBA	4	AEC	MARATHI	2	WCMARAE241	Communication Skills in Marathi II
SYBA	4	AEC	HINDI	2	WCHINAE241	Adhunik Hindi Kaavya Aur Srjnat- mak Lekhan Evam Bhasha Gyaan
FYBSc	1	AEC	Marathi	2	WSMARAE111	Communication Skills in Marathi I
FYBSc	1	AEC	Hindi	2	WSHINAE111	Adhunik Hindi Kahaa- nee Aur Srjnatmak Lekhan Evam Bhasha Gyaan
FYBSc	2	AEC	MARATHI	2	WSMARAE111	Communication Skills in Marathi II
FYBSc	2	AEC	HINDI	2	WSHINAE111	Adhunik Hindi Kaavya Aur Srjnat- mak Lekhan Evam Bhasha Gyaan
SYBSc	3	AEC	English	2	WSENGAE231	Communication Skills in English
SYBSc	4	AEC	English	2	WSENGAE241	Advanced Com- munication Skills in English

# **Open Elective for BA and BSc**

			OE for BA	and BSc		
Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBA	1	0E	Botany	2	WABOTOE111	Nursery Manage-
						ment and Ornamental
						Plants
FYBA	1	0E	Chemistry	2	WACHE0E111	Chemistry in Every-
EVD A	4	0.5	B. a	0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	day Life
FYBA	1	0E	Mathematics	2	WAMAT0E111	Elementary Arith-
FYBA	1	0E	Microbiology	2	WAMICOE111	matic Introduction and
FIDA	1	UE	Microbiology	Z	VVAIVIIGUETTT	Scope of Microbiol-
FYBA	1	0E	Physics	2	WAPHY0E111	ogy Electrical and Elec-
	·	02	1 11,75155	_		tronic Gadgets for All
FYBA	1	0E	Zoology	2	WAZ000E111	Vermiculture, Parasi-
			0,			tology and Fisheries
FYBA	2	0E	Botany	2	WABOTOE121	Nutraceuticals: Plant
						based suppliments
FYBA	2	0E	Chemistry	2	WACHE0E121	Chemistry in Every-
						day Life II
FYBA	2	0E	Mathematics	2	WAMAT0E121	Mathematical Logic
EVD A	-	0.5	D. 4: 1 . 1	-	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	and Reasoning
FYBA	2	0E	Microbiology	2	WAMICOE121	Microbes in Every-
FYBA	2	OE	Physics	2	WAPHY0E121	day Life Understanding the
TIDA		OL	THYSICS	2	VVALITIOLIZI	Universe
FYBA	2	0E	Zoology	2	WAZ000E121	Worm Disease, Ento-
	_	02	200.097	_	***************************************	mology and Animal
						Farming
SYBA	3	0E	Botany	2	WABOT0E231	Aromatic Plants:
						Herbs and Nerves
SYBA	3	0E	Chemistry	2	WACHE0E231	Chemistry of Food
						Products
SYBA	3	0E	Mathematics	2	WAMAT0E231	The Mathematics in
OVD A	0	05	NA:I.	0	VA/ABAICOTOS 4	Symmetries
SYBA	3	0E	Microbiology	2	WAMICOE231	Biotechnology and
SYBA	3	0E	Physics	2	WAPHY0E231	Human Welfare
SIDA	3	UE	FILYSICS	Z	VVAFITUEZST	Light and Sound

			OE for BA	and BSc		
Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
SYBA	3	OE	Zoology	2	WAZ000E231	Pollution and Human Diseases
SYBA	4	0E 1	Botany	2	WABOT0E241	Ethanobotany
SYBA	4	0E 1	Botany	2	WABOT0E242	Medicinal Botany
SYBA	4	0E 1	Chemistry	2	WACHE0E241	Chemicals and Lab Safety Measures
SYBA	4	0E 1	Microbiology	2	WAMICOE241	Biotech
SYBA	4	0E 1	Zoology	2	WAZ000E241	Amazing Animals
SYBA	4	0E 2	Chemistry	2	WACHE0E242	Waste Management and Application of Chemical Analysis
SYBA	4	0E 2	Mathematics	2	WAMAT0E241	Descriptive Statistics
SYBA	4	0E 2	Physics	2	WAPHY0E241	Ideas in Science
SYBA	4	0E 2	Physics	2	WAPHY0E242	Physics in Sci-Fi
FYBSc	1	OE	Economics	2	WSEC00E111	Microeconomics in daily life
FYBSc	1	OE	English	2	WSENG0E111	Cinema Studies
FYBSc	1	OE	History	2	WSHISOE111	Introduction to Travel and Tourism
FYBSc	1	OE	Philosophy	2	WSPHI0E111	PROFESSIONAL ETHICS
FYBSc	1	OE	Political Science	2	WSP0L0E111	Fundamentals of Law
FYBSc	1	OE	Sociology	2	WSS0C0E111	Self, Society and Sociology
FYBSc	2	OE	Economics	2	WSEC00E121	Power of money with Macroeconomics
FYBSc	2	OE	English	2	WSENG0E121	Popular Culture
FYBSc	2	OE	History	2	WSHISOE121	Travel and Tourism  Management

	OE for BA and BSc									
Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title				
gramme	ter			its						
FYBSc	2	OE	Philosophy	2	WSPHI0E121	TECHNOLOGY AND ETHICS				
FYBSc	2	0E	Political Sci- ence	2	WSP0L0E121	Dimensions of the Indian Legal Frame- work				
FYBSc	2	0E	Sociology	2	WSS0C0E121	Social Stratification and its Manifesta-tions				
SYBSc	3	OE	Economics	2	WSEC00E231	Basics of Banking and Finance				
SYBSc	3	OE	English	2	WSENG0E231	Drama and Theatre				
SYBSc	3	OE	History	2	WSHIS0E231	Heritage of Maha- rashtra				
SYBSc	3	OE	Philosophy	2	WSPHI0E231	Gandhi in Praxis I				
SYBSc	3	OE	Psychology	2	WSPSY0E231	Positive Psychology				
SYBSc	3	0E	Sociology	2	WSS0C0E231	Gender Basics and Movement for Equal- ity				
SYBSc	3	OE	Marathi	2	WSMAR0E231	Marathitil Vidnyan Sahitya				
SYBSc	4	0E 1	Economics	2	WSEC00E241	Economics of Insurance				
SYBSc	4	0E 1	History	2	WSHIS0E241	Heritage of Mumbai				
SYBSc	4	0E 1	Sociology	2	WSS0C0E241	Gender Dynamics: Exploring Roles and Identities				
SYBSc	4	0E 1	Sociology	2	WSS0C0E242	Cultural Explorations: Understanding Society's Diversity				
SYBSc	4	0E 1	Psychology	2	WSPSY0E241	Intimacy and Rela- tionships				
SYBSc	4	0E 2	English	2	WSENG0E241	Chronicles of the City by the Sea				

| 54 | PROSPECTUS FOR WILSON COLLEGE | 55 |

	OE for BA and BSc									
Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title				
gramme	ter			its						
SYBSc	4	0E 2	English	2	WSENG0E242	Bridging Worlds:				
						Science in Prose and				
						Fiction				
SYBSc	4	0E 2	Marathi	2	WSMAR0E241	Marathitun Vidnyan				
						Lekhan				
SYBSc	4	0E 2	Philosophy	2	WSPHI0E241	Gandhi in Praxis II				
SYBSc	4	0E 2	Philosophy	2	WSPHI0E242	Religion in Praxis				

# **Indian Knowledge System for BA and BSc**

IKS									
Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title			
gramme	ter			its					
FYBA	2	IKS	Generic	2	WXGENIK121	Indian Knowledge			
						System			

# **Degree College**

# **Un-Aided Programmes**

### 1. Bachelor of Accounts and Finance (B.A.F.)

Bachelor of Commerce (Accounting & Finance - B.A.F.) is a three-year full-time programme offered by the University of Mumbai. Each year is divided into two semesters. The course consists of 40 modules comprising 40 papers. The performance of the learners will be evaluated in two components: one component will be the internal assessment carrying 25 marks and the second component will be the external examination component carrying 75marks.

#### **Eligibility:**

10+2 Candidates should have scored a minimum of 45% marks at the HSC level with mathematics as a Course.

## **Course code and Course Titles for B.A.F**

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBAF	1	DSC Major 1	BAF	3	WCBAFMJ111	Financial Account- ing I
FYBAF	1	DSC Major 2	BAF	3	WCBAFMJ112	Cost Accounting I

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBAF	1	DSC Minor 1	BAF	3	WCBAFMN111	Financial Manage- ment I
FYBAF	1	DSC Minor 2	BAF	3	WCBAFMN112	Financial System I
FYBAF	1	SEC	BAF	2	WCBAFSE111	Elementary Business Mathematics
FYBAF	1	VEC	B.Com.	2	WCCOMVE111	Environmental Studies
FYBAF	1	AEC	Marathi	2	WCMARAE111	Communication Skills in Marathi I
FYBAF	1	AEC	Hindi	2	WCHINAE111	Adhunik Hindi Kahaa- nee Aur Srjnatmak Lekhan Evam Bhasha Gyaan
FYBAF	1	OE	Information Technology	2	WCITCOE111	Fundamentals of Computers
FYBAF	1	OE	Information Technology	2	WCITCOE112	Awareness Of Cyber Security
FYBAF	1	0E	Mass Media and Commu- nications	2	WCMMC0E111	Visual Communica- tion
FYBAF	2	DSC Major 1	BAF	3	WCBAFMJ121	Financial Account- ing II
FYBAF	2	DSC Major 2	BAF	3	WCBAFMJ122	Auditing
FYBAF	2	DSC Minor 1	BAF	3	WCBAFMN121	Financial Manage- ment II
FYBAF	2	DSC Minor 2	BAF	3	WCBAFMN122	Financial System II
FYBAF	2	SEC	BAF	2	WCBAFSE121	Business Law I
FYBAF	2	IKS	Generic	2	WXGENIK121	Indian Knowledge System
FYBAF	2	AEC	MARATHI	2	WSMARAE111	Communication Skills in Marathi II
FYBAF	2	AEC	HINDI	2	WSHINAE111	Adhunik Hindi Kaavya Aur Srjnat- mak Lekhan Evam Bhasha Gyaan

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBAF	2	OE	Information Technology	2	WCITCOE121	Website Design
FYBAF	2	0E	Mass Media and Commu- nications	2	WCMMC0E121	Content Writing
SYBAF	3	DSC Major 1	BAF	3	WCBAFMJ231	Financial Account- ing III
SYBAF	3	DSC Major 2	BAF	3	WCBAFMJ232	Direct Taxes I
SYBAF	3	DSC Minor 1	BAF	2	WCBAFMN231	Financial Manage- ment III
SYBAF	3	DSC Minor 2	BAF	2	WCBAFMN232	Financial System III
SYBAF	3	SEC	BAF	2	WCBAFSE231	Business Law II
SYBAF	3	VEC	BFM	2	WCBFMVE231	Digital Innovation & Transformation
SYBAF	3	VEC	BAF	2	WCBAFVE231	General Laws
SYBAF	3	AEC	English	2	WCENGAE231	Communication Skills in English
SYBAF	3	0E	Information Technology	2	WCITC0E231	Introduction to Computer Networking
SYBAF	3	0E	Mass Media and Commu- nications	2	WCMMC0E231	Creative Script Writing
SYBAF	4	DSC Major 1	BAF	3	WCBAFMJ241	Financial Account- ing IV
SYBAF	4	DSC Major 2	BAF	3	WCBAFMJ242	Direct Taxes II
SYBAF	4	DSC Minor 1	BAF	2	WCBAFMN241	Financial Manage- ment IV
SYBAF	4	DSC Minor 2	BAF	2	WCBAFMN242	Financial System IV
SYBAF	4	VSC	BAF	2	WCBAFVS241	Spreadsheet Mastery
SYBAF	4	AEC	English	2	WCENGAE241	Advanced Com- munication Skills in English

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter	05.4		its	\\(\(\)	144
SYBAF	4	0E 1	Chemistry	2	WCCHE0E241	Waste Management
						and Application of
						Chemical Analysis
SYBAF	4	0E 1	Information	2	WCITC0E241	Introduction to 5G
			Technology			
SYBAF	4	0E 1	Physics	2	WCPHY0E241	Ideas in Science
SYBAF	4	0E 2	English	2	WCENG0E241	Chronicles of the City
			J			by the Sea
SYBAF	4	0E 2	Sociology	2	WCSOC0E241	Gender Dynamics
0.5/		022	o contragy	_		Zondor Zynamico
SYBAF	4	0E 2	Mass Media	2	WCMMC0E241	Understanding
OIDAI		OL Z	and Commu-	2	VVOIVIIVIOOLZ+1	Cinema
			nication			Gillettia
TVDAE	5	DCC1		1	WCBAFDC351	Financial Account
TYBAF	) 5	DSC1	BAF	4	VVCBAFDC351	Financial Account-
TVDAE	-	DOOG	DAE	4	NA/OD A EDOOF O	ing V
TYBAF	5	DSC2	BAF	4	WCBAFDC352	Financial Account-
						ing VI
TYBAF	5	DSC3	BAF	4	WCBAFDC353	Cost Accounting III
TYBAF	5	DSE1	BAF	2	WCBAFDE351	Financial Analysis
						and Business Valu-
						ation
TYBAF	5	DSE2	BAF	2	WCBAFDE352	Taxation Paper III
						(Indirect Taxes – I)
TYBAF	5	VSC	BAF	2	WCBAFVS351	Power BI
TYBAF	6	DSC1	BAF	4	WCBAFDC361	Financial Account-
		2001	27.11			ing VII
TYBAF	6	DSC2	BAF	4	WCBAFDC362	Cost Accounting IV
110/11			D/ (i		VV0D/\(\) D0002	Coot / tooodinting iv
TYBAF	6	DSE1	BAF	2	WCBAFDE361	Taxation Paper IV
HDAI	0	DOLI	DAI	2	VVCDALDESUL	laxation raper iv
TYBAF	6	DSE2	BAF	2	WCBAFDE362	Venture Canital and
TTDAF	0	DSEZ	DAF	Z	VVGDAFDE30Z	Venture Capital and
TVDAE		1/004	DAF	0	VALOD A EVICAGE	Private Equity
TYBAF	6	VSC1	BAF	2	WCBAFVS361	Fundamental Analy-
						sis
TYBAF	6	VSC2	BAF	2	WCBAFVS362	Technical Analysis

PROSPECTUS FOR WILSON COLLEGE | 59 |

#### 2. Bachelor of Arts in Multimedia communication (B.A.M.M.C).

The University of Mumbai introduced the Bachelor of Arts in Multimedia communication (B.A.M.M.C). Course during the academic year 2000-2001. It is a three-year degree programme consisting of six semesters. A student has the choice to specialize in either Journalism or Advertising in the Third Year. Credit-Based evaluation has been introduced since June 2011.

The Bachelor of Arts in Multimedia communication (B.A.M.M.C). Department of Wilson College endeavours to produce graduates with advance knowledge in communication, preparing them to be the leaders in mass communication with integrity, ethics, creativity, insightful attitudes, and essential skills. The department has a vast number of books on media-related Courses and a sufficient number of still and video cameras available to the students.

### **Eligibility:**

Students who have passed the H.S.C. examination in Arts, Science, or Commerce, are eligible to apply for these courses.

### Course code and Course Titles for B.A.M.M.C

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBAMMC	1	DSC1 Major	Mass Media and Commu- nication	3	WAMMCMJ111	Fundamentals of Mass Communica- tion
FYBAMMC	1	DSC2 Major	Mass Media and Commu- nication	3	WAMMCMJ112	World Around Us
FYBAMMC	1	DSC1 Minor	Mass Media and Commu- nication	3	WAMMC- MN111	Introduction to Advertising
FYBAMMC	1	DSC2 Minor	Mass Media and Commu- nication	3	WAMMC- MN112	Copywriting
FYBAMMC	1	DSC3 Minor	Mass Media and Commu- nication	3	WAMMC- MN115	Introduction to Jour- nalism
FYBAMMC	1	DSC4 Minor	Mass Media and Commu- nication	3	WAMMC- MN116	News Writing
FYBAMMC	1	SEC	Mass Media and Commu- nication	2	WAMMCSE111	Introduction to Changing Nature of Media Technologies
FYBAMMC	1	AEC	MARATHI	2	WAMARAE111	Communication Skills in Marathi I

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBAMMC	1	AEC	HINDI	2	WAHINAE111	Adhunik Hindi Kahaa- nee Aur Srjnatmak Lekhan Evam Bhasha Gyaan
FYBAMMC	1	VEC	English	2	WAENGVE111	Understanding Indian Culture through Cin- ema
FYBAMMC	1	VEC	Political Sci- ence	2	WAPOLVE111	Introduction to Values of the Indian Constitution
FYBAMMC	1	OE	BMS	2	WABMS0E111	Fundamentals of Management
FYBAMMC	1	OE	B.Com.	2	WACOMOE111	Organisation of Com- merce
FYBAMMC	1	OE	BAF	2	WABAF0E111	Basics of Accounting
FYBAMMC	2	DSC1 Major	Mass Media and Commu- nication	3	WAMMCMJ121	Evolution of Media
FYBAMMC	2	DSC2 Major	Mass Media and Commu- nication	3	WAMMCMJ122	Media Psychology
FYBAMMC	2	DSC1 Minor	Mass Media and Commu- nication	3	WAMMC- MN121	Consumer Behaviour
FYBAMMC	2	DSC2 Minor	Mass Media and Commu- nication	3	WAMMC- MN122	Advertising in Contemporary Society
FYBAMMC	2	DSC3 Minor	Mass Media and Commu- nication	3	WAMMC- MN125	Regional Journalism
FYBAMMC	2	DSC4 Minor	Mass Media and Commu- nication	3	WAMMC- MN126	Writing and Editing Skills
FYBAMMC	2	SEC	Mass Media and Commu- nication	2	WAMMCSE121	Podcast & Public Speaking
FYBAMMC	2	IKS	Generic	2	WXGENIK121	Indian Knowledge System

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBAMMC	2	AEC	MARATHI	2	WAMARAE121	Communication Skills in Marathi II
FYBAMMC	2	AEC	HINDI	2	WAHINAE121	Adhunik Hindi Kaavya Aur Srjnat- mak Lekhan Evam Bhasha Gyaan
FYBAMMC	2	OE	BMS	2	WABMS0E121	Business Leadership
FYBAMMC	2	OE	B.Com.	2	WACOMOE121	Business Manage- ment
FYBAMMC	2	OE	BAF	2	WABAF0E121	Micro Accounting
SYBAMMC	3	DSC1 Major	Mass Media and Commu- nication	3	WAMMCMJ231	Introduction to Mar- keting
SYBAMMC	3	DSC2 Major	Mass Media and Commu- nication	3	WAMMCMJ232	Media Studies
SYBAMMC	3	DSC Minor	Mass Media and Commu- nication	4	WAMMC- MN231	Agency Management
SYBAMMC	3	DSC Minor	Mass Media and Commu- nication	4	WAMMC- MN235	Reporting and Feature writing for Social justice
SYBAMMC	3	SEC	Mass Media and Commu- nication	2	WAMMCSE231	Computers and Mul- timedia
SYBAMMC	3	VEC	English	2	WAENGVE231	Contemporary Pro- test Narratives
SYBAMMC	3	VEC	Philosophy	2	WAPHIVE231	Modern Indian Phi- losophy
SYBAMMC	3	VEC	Sociology	2	WASOCVE231	Environmental Studies: Basic and Contemporary Approach and Analysis
SYBAMMC	3	AEC	ENGLISH	2	WAENGAE231	Communication Skills in English
SYBAMMC	3	OE	BMS	2	WABMS0E231	Organisational Be- haviour

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
SYBAMMC	3	0E	B.Com.	2	WACOMOE231	Secretarial Practice I
SYBAMMC	3	0E	BFM	2	WABFM0E231	Securities Market and Its Operations
SYBAMMC	3	OE	BAF	2	WABAF0E231	Tax Law for Salaried Persons
SYBAMMC	4	DSC1 Major	Mass Media and Commu- nication	3	WAMMCMJ241	Indian Constitutional Order
SYBAMMC	4	DSC2 Major	Mass Media and Commu- nication	3	WAMMCMJ242	Creative Writing
SYBAMMC	4	DSC Minor	Mass Media and Commu- nication	4	WAMMC- MN241	Account Planning and Media Planning and Buying
SYBAMMC	4	DSC Minor	Mass Media and Commu- nication	4	WAMMC- MN245	Journalism and Public Opinion and Contemporary Issues
SYBAMMC	4	VSC	Mass Media and Commu- nication	2	WAMMCVS241	Introduction to Pho- tography
SYBAMMC	4	AEC	ENGLISH	2	WAENGAE241	Advanced Com- munication Skills in English
SYBAMMC	4	OE	BMS	2	WABMS0E241	Human Resource Management
SYBAMMC	4	0E	B.Com.	2	WACOM0E241	Secretarial Practice II
SYBAMMC	4	OE	BFM	2	WABFM0E241	Fundamentals of Mutual Funds
SYBAMMC	4	0E	BAF	2	WABAF0E241	Tax Procedures for Salaried Persons
TYBAMMC	5	DSC1	Mass Media and Commu- nication	4	WAMMCDC351	Brand Management
TYBAMMC	5	DSC2	Mass Media and Commu- nication	4	WAMMCDC352	Understanding Cinema

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
TYBAMMC	5	DSC3	Mass Media and Commu- nication	4	WAMMCDC353	Content Writing
TYBAMMC	5	DSE1	Mass Media and Commu- nication	4	WAMMCDE355	Ad-film Making
TYBAMMC	5	DSE2	Mass Media and Commu- nication	4	WAMMCDE356	Broadcast Journal- ism
TYBAMMC	5	VSC	Mass Media and Commu- nication	2	WAMMCVS351	Digital Media
TYBAMMC	6	DSC1	Mass Media and Commu- nication	4	WAMMCDC361	Introduction to Film Making
TYBAMMC	6	DSC2	Mass Media and Commu- nication	4	WAMMCDC362	Changing Contours of Media
TYBAMMC	6	DSE1	Mass Media and Commu- nication	4	WAMMCDC365	Advertising Design
TYBAMMC	6	DSE2	Mass Media and Commu- nication	4	WAMMCDC366	Newspaper and Magazine Making
TYBAMMC	6	VSC1	Mass Media and Commu- nication	2	WAMMCVS361	Social Media Market- ing
TYBAMMC	6	VSC2	Mass Media and Commu- nication	2	WAMMCVS362	Public Relations

### 3. Bachelor of Commerce (B.Com)

Bachelor of Commerce is a 3 years full time undergraduate course. This course aims towards making the students well prepared to sustain as a corporate employee or to develop entrepreneurship skills. The Bachelor of Commerce course is designed in such a way to provide competencies in basic commerce discipline as it also imparts skills in problem solving, leadership, communications, decision making in organizations with appropriate subjects covering areas of Accountancy, Communications, Business Economics, Human Resource, Taxation, Marketing Management and Information Technology.

The course structure will definitely equip the students to accept the global challenges and constant change. Also, it will enable them to be well placed in Corporate, Academics and Administration in the country as well as abroad.

B.Com degree opens the doors to career opportunities like Chartered Accountancy (CA), Company Secretary (CS), Cost and Work Accountancy (CWA), Insurance & Samp; Banking services. Having background of Commerce helps in setting the stage for a successful career. B.Com degree also familiarises with the financial foundations of the company. No. Of Students (Capacity): 120 students

#### **Eligibility:**

Students who have passed the 12th (H.S.C. or other state board) examination in Arts, Science, or Commerce, are eligible to apply for these courses.

### **Course code and Course Titles for B.Com**

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBCom	1	DSC Major 1	B.Com.	3	WCCOMMJ111	Introduction to Ac- countancy
FYBCom	1	DSC Major 2	B.Com.	3	WCCOMMJ112	Accountancy and Financial Manage- ment
FYBCom	1	DSC Minor 1	B.Com.	3	WCCOMMN111	Commerce and Business
FYBCom	1	DSC Minor 2	B.Com.	3	WCCOMMN112	Essentials of Busi- ness Economics
FYBCom	1	SEC	B.Com.	2	WCCOMSE111	Mathematical Tech- niques
FYBCom	1	VEC	B.Com.	2	WCCOMVE111	Environmental Studies
FYBCom	1	AEC	English	2	WCENGAE111	Communication Skills in English
FYBCom	1	OE	Information Technology	2	WCITCOE111	Fundamentals of Computers
FYBCom	1	OE	Information Technology	2	WCITCOE112	Awareness Of Cyber Security
FYBCom	1	OE	Mass Media and Commu- nications	2	WCMMC0E111	Visual Communica- tion
FYBCom	2	DSC Major 1	B.Com.	3	WCCOMMJ121	Financial Accounting
FYBCom	2	DSC Major 2	B.Com.	3	WCCOMMJ122	Financial Accounting and Budgeting

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBCom	2	DSC Minor 1	B.Com.	3	WCCOMMN121	Commerce in Service Sector
FYBCom	2	DSC Minor 2	B.Com.	3	WCCOMMN122	Business Economics For Decision Making and Market Structures
FYBCom	2	SEC	B.Com.	2	WCCOMSE121	Statistical Tech- niques
FYBCom	2	IKS	Generic	2	WXGENIK121	Indian Knowledge System
FYBCom	2	AEC	English	2	WCENGAE121	Advanced Com- munication Skills in English
FYBCom	2	OE	Information Technology	2	WCITCOE121	Website Design
FYBCom	2	0E	Mass Media and Commu- nications	2	WCMMC0E121	Content Writing
SYBCom	3	DSC Major 1	B.Com.	3	WCCOMMJ231	Accountancy and Financial Manage- ment III
SYBCom	3	DSC Major 2	B.Com.	3	WCCOMMJ232	Introduction to Management Accounting
SYBCom	3	DSC Minor 1	B.Com.	2	WCCOMMN231	Commerce III
SYBCom	3	DSC Minor 2	B.Com.	2	WCCOMMN232	Business Econom- ics III
SYBCom	3	SEC	B.Com.	2	WCCOMSE231	Corporate Maths
SYBCom	3	VEC	BFM	2	WCBFMVE231	Digital Innovation & Transformation
SYBCom	3	VEC	BAF	2	WCBAFVE231	General Laws
SYBCom	3	AEC	Marathi	2	WCMARAE231	Communication Skills in Marathi I
SYBCom	3	AEC	Hindi	2	WCHINAE231	Adhunik Hindi Kahaa- nee Aur Srjnatmak Lekhan Evam Bhasha Gyaan

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
SYBCom	3	OE	Information Technology	2	WCITC0E231	Introduction to Computer Networking
SYBCom	3	0E	Mass Media and Commu- nications	2	WCMMC0E231	Creative Script Writing
SYBCom	4	DSC Major 1	B.Com.	3	WCCOMMJ241	Accountancy and Financial Manage-ment IV
SYBCom	4	DSC Major 2	B.Com.	3	WCCOMMJ242	Introduction to Audit- ing
SYBCom	4	DSC Minor 1	B.Com.	2	WCCOMMN241	Commerce IV
SYBCom	4	DSC Minor 2	B.Com.	2	WCCOMMN242	Business Econom- ics IV
SYBCom	4	VSC	B.Com.	2	WCCOMVS241	Business Law
SYBCom	4	AEC	MARATHI	2	WCMARAE241	Communication Skills in Marathi II
SYBCom	4	AEC	HINDI	2	WCHINAE241	Adhunik Hindi Kaavya Aur Srjnat- mak Lekhan Evam Bhasha Gyaan
SYBCom	4	OE 1	Chemistry	2	WCCHE0E241	Waste Management and Application of Chemical Analysis
SYBCom	4	0E 1	Information Technology	2	WCITC0E241	Introduction to 5G
SYBCom	4	0E 1	Physics	2	WCPHY0E241	Ideas in Science
SYBCom	4	0E 2	English	2	WCENG0E241	Chronicles of the City by the Sea
SYBCom	4	0E 2	Sociology	2	WCSOCOE241	Gender Dynamics
SYBCom	4	0E 2	Mass Media and Commu- nication	2	WCMMC0E241	Understanding Cinema
TYBCom	5	DSC1	B.Com.	4	WCCOMDC351	FINANCIAL AC- COUNTING I
TYBCom	5	DSC2	B.Com.	4	WCCOMDC352	DIRECT TAXATION

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
TYBCom	5	DSC3	B.Com.	4	WCCOMDC353	COST ACCOUNTING
TYBCom	5	DSE1	B.Com.	2	WCCOMDE351	MARKETING
TYBCom	5	DSE2	B.Com.	2	WCCOMDE352	EXPORT MARKETING PAPER I
TYBCom	5	VSC	B.Com.	2	WCCOMVS351	PORTFOLIO MAN- AGEMENT
TYBCom	6	DSC1	B.Com.	4	WCCOMDC361	Financial Account- ing-II
TYBCom	6	DSC2	B.Com.	4	WCCOMDC362	Indirect taxation
TYBCom	6	DSE1	B.Com.	2	WCCOMDE361	Human resource management
TYBCom	6	DSE2	B.Com.	2	WCCOMDE362	Export Marketing Paper - II
TYBCom	6	VSC1	B.Com.	2	WCCOMVS361	Cost and manage- ment Accounting
TYBCom	6	VSC2	B.Com.	2	WCCOMVS362	Personal financial planning

#### 4. Bachelor of Management Studies (B.M.S.)

The University of Mumbai introduced the Bachelor of Management Studies (B.M.S.) Course in June 1999. It is a three-year degree programme which is spread over six semesters. Credit-Based evaluation has been introduced since June 2011.

Industrial visits, guest lectures, mandatory internships, and industry-based projects form an integral part of the curriculum. Corporate exposure enables the students to make a connect between theories learnt and their application in real-life situations. The B.M.S. Department of the Wilson College equips students with tools and techniques to develop into effective leaders and managers. The B.M.S. Department of the Wilson College equips students with tools and techniques to develop students into effective leaders and managers.

### **Eligibility:**

Eligibility for admission to the B.M.S. course requires that the applicant should have passed HSC in Commerce, Arts, or Science or its equivalent and secured not less than 45% marks in aggregate at the first attempt.

### Course code and Course Titles for B.M.S

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBMS	1	DSC Major 1	BMS	3	WCBMSMJ111	Introduction of Management
FYBMS	1	DSC Major 2	BMS	3	WCBMSMJ112	Fundamentals of Business Account- ing-I
FYBMS	1	DSC Minor 1	BMS	3	WCBMSMN111	Basics of Financial Services
FYBMS	1	DSC Minor 2	BMS	3	WCBMSMN112	Corporate Finance
FYBMS	1	DSC Minor 3	BMS	3	WCBMSMN115	Principles of Market- ing
FYBMS	1	DSC Minor 4	BMS	3	WCBMSMN116	Consumer Behaviour
FYBMS	1	SEC	BMS	2	WCBMSSE111	Statistics for Mana- gerial Decisions
FYBMS	1	VEC	BMS	2	WCBMSVE111	Environment and Sustainability
FYBMS	1	AEC	BMS	2	WCBMSAE111	Business Communi- cation-I
FYBMS	1	OE	Information Technology	2	WCITCOE111	Fundamentals of Computers
FYBMS	1	OE	Information Technology	2	WCITCOE112	Awareness Of Cyber Security
FYBMS	1	0E	Mass Media and Commu- nications	2	WCMMC0E111	Visual Communica- tion
FYBMS	2	DSC Major 1	BMS	3	WCBMSMJ121	Industrial Law
FYBMS	2	DSC Major 2	BMS	3	WCBMSMJ122	Fundamentals of Business Account- ing-II
FYBMS	2	DSC Minor 1	BMS	3	WCBMSMN121	Innovative Financial Services
FYBMS	2	DSC Minor 2	BMS	3	WCBMSMN122	Introduction to Cost Accounting
FYBMS	2	DSC Minor 3	BMS	3	WCBMSMN125	Event Marketing

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBMS	2	DSC Minor 4	BMS	3	WCBMSMN126	Advertising
FYBMS	2	SEC	BMS	2	WCBMSSE121	Business Mathematics
FYBMS	2	IKS	Generic	2	WXGENIK121	Indian Knowledge System
FYBMS	2	AEC	BMS	2	WCBMSAE121	Business Communi- cation-II
FYBMS	2	OE	Information Technology	2	WCITCOE121	Website Design
FYBMS	2	0E	Mass Media and Commu- nications	2	WCMMC0E121	Content Writing
SYBMS	3	DSC Major 1	BMS	3	WCBMSMJ231	Accounting for Managerial Decisions
SYBMS	3	DSC Major 2	BMS	3	WCBMSMJ232	Business Planning & Entrepreneurial Management
SYBMS	3	DSC Minor 1	BMS	3	WCBMSMN231	Wealth Management
SYBMS	3	DSC Minor 2	BMS	3	WCBMSMN232	Stock Market Opera- tions
SYBMS	3	DSC Minor 3	BMS	3	WCBMSMN235	Social Marketing
SYBMS	3	DSC Minor 4	BMS	3	WCBMSMN236	Customer Relation- ship Management
SYBMS	3	SEC	BMS	2	WCBMSSE231	Design Thinking & Innovation
SYBMS	3	VEC	BMS	2	WCBMSVE231	Empowering Digital Inclusion
SYBMS	3	AEC	Marathi	2	WCMARAE231	Communication Skills in Marathi I
SYBMS	3	AEC	Hindi	2	WCHINAE231	Adhunik Hindi Kahaa- nee Aur Srjnatmak Lekhan Evam Bhasha Gyaan
SYBMS	3	OE	Information Technology	2	WCITC0E231	Introduction to Computer Networking

Pro- gramme	Semes-	Course Type	Department	Cred- its	Course Code	Course Title
SYBMS	3	0E	Mass Media and Commu- nications	2	WCMMC0E231	Creative Script Writ- ing
SYBMS	4	DSC Major 1	BMS	3	WCBMSMJ241	Introduction to Business Research Methods
SYBMS	4	DSC Major 2	BMS	3	WCBMSMJ242	Managerial Economics
SYBMS	4	DSC Minor 1	BMS	3	WCBMSMN241	Corporate Restruc- turing
SYBMS	4	DSC Minor 2	BMS	3	WCBMSMN242	International Finance
SYBMS	4	DSC Minor 3	BMS	3	WCBMSMN245	Sales & Distribution Management
SYBMS	4	DSC Minor 4	BMS	3	WCBMSMN246	Retail Management
SYBMS	4	VSC	BMS	2	WCBMSVS241	Excel Mastery for Business Leaders
SYBMS	4	AEC	MARATHI	2	WCMARAE241	Communication Skills in Marathi II
SYBMS	4	AEC	HINDI	2	WCHINAE241	Adhunik Hindi Kaavya Aur Srjnat- mak Lekhan Evam Bhasha Gyaan
SYBMS	4	0E 1	Chemistry	2	WCCHE0E241	Waste Management and Application of Chemical Analysis
SYBMS	4	0E 1	Information Technology	2	WCITC0E241	Introduction to 5G
SYBMS	4	0E 1	Physics	2	WCPHY0E241	Ideas in Science
SYBMS	4	0E 2	English	2	WCENG0E241	Chronicles of the City by the Sea
SYBMS	4	0E 2	Sociology	2	WCSOC0E241	Gender Dynamics
SYBMS	4	0E 2	Mass Media and Commu- nication	2	WCMMC0E241	Understanding Cinema
TYBMS	5	DSC1	BMS	4	WCBMSDC351	Direct Taxes(

70 | PROSPECTUS FOR WILSON COLLEGE | 71 |

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
TYBMS	5	DSC2	BMS	4	WCBMSDC352	Production and Total Quality Management
TYBMS	5	DSC3	BMS	4	WCBMSDC353	Human Resource Management
TYBMS	5	DSE1	BMS	2	WCBMSDE351	Corporate Financial Accounting
TYBMS	5	DSE2	BMS	2	WCBMSDE352	Investment Analysis and Portfolio Man- agement
TYBMS	5	DSE3	BMS	2	WCBMSDE355	Media Planning and Management
TYBMS	5	DSE4	BMS	2	WCBMSDE356	Service Marketing
TYBMS	5	VSC	BMS	2	WCBMSVS351	Business Analytics in Finance
TYBMS	5	VSC	BMS	2	WCBMSVS355	Digital Marketing Essentials
TYBMS	6	DSC1	BMS	4	WCBMSDC361	Operations Research
TYBMS	6	DSC2	BMS	4	WCBMSDC362	Logistics and Supply Chain Management
TYBMS	6	DSE1	BMS	2	WCBMSDE361	Accounting for Global Transactions and Investments
TYBMS	6	DSE2	BMS	2	WCBMSDE362	Strategic Financial Management
TYBMS	6	DSE3	BMS	2	WCBMSDE365	Brand Management
TYBMS	6	DSE3	BMS	2	WCBMSDE366	International Market- ing
TYBMS	6	VSC1	BMS	2	WCBMSVS361	Corporate Law
TYBMS	6	VSC2	BMS	2	WCBMSVS362	Goods & Service Tax
TYBMS	6	VSC2	BMS	2	WCBMSVS365	Corporate Com- munication & Public Relations

# 5. Bachelor of Science in Information Technology (B.Sc. IT)

B.Sc. (IT) is a three-year degree course which was introduced in Wilson College during the academic year 2007-2008 to celebrate the 175th year of Wilson College.

The objective of this course is to prepare IT professionals in the use of modern technology for the benefit of humanity. In addition to lectures, tutorials and practicals, students have to regularly submit assignments, case studies, or minor projects. Presentations and Seminars form an integral part of the course which help instill confidence and public speaking skills in students. There are up-to-date computer labs with necessary software and hardware. The department has an impressive record of campus placements in reputed companies. Credit based evaluation has been introduced from June 2011.

# **Eligibility:**

10+2 Candidates should have scored a minimum of 45% marks at the HSC level with mathematics as a Course.

# Course code and Course Titles for B.Sc. IT

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
FYBSc (IT)	1	DSC Major 1	Information Technology	2	WSITCMJ111	Programming Principles with C (Theory)
FYBSc (IT)	1	DSC Major 2	Information Technology	2	WSITCMJ112	Operating System (Theory)
FYBSc (IT)	1	DSC Major 3	Information Technology	2	WSITCMJ113	Programming Principles with C (Practical)
FYBSc (IT)	1	DSC Minor 1	Information Technology	2	WSITCMN111	Digital Electronics
FYBSc (IT)	1	DSC Minor 2	Information Technology	2	WSITCMN112	Computer Networks (Theory)
FYBSc (IT)	1	DSC Minor 3	Information Technology	2	WSITCMN113	Computer Networks (Practicals)
FYBSc (IT)	1	SEC	Information Technology	2	WSITCSE111	Operating System Practical
FYBSc (IT)	1	VEC	CHEMISTRY	2	WSCHEVE111	Environmental Chemistry
FYBSc (IT)	1	AEC	MARATHI	2	WSMARAE111	Communication Skills in Marathi I

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBSc (IT)	1	AEC	HINDI	2	WSHINAE111	Adhunik Hindi Kahaa-
						nee Aur Srjnatmak
						Lekhan Evam Bhasha
						Gyaan
FYBSc (IT)	1	0E	BMS	2	WSBMS0E111	Fundamentals of
						Management
FYBSc (IT)	1	0E	B.Com.	2	WSC0M0E111	Organisation of Com-
						merce
FYBSc (IT)	1	0E	BAF	2	WSBAF0E111	Basics of Accounting
FYBSc (IT)	2	DSC Major 1	Information	2	WSITCMJ121	00Ps with C++
			Technology			(Theory)
FYBSc (IT)	2	DSC Major 2	Information	2	WSITCMJ122	Web Designing & de-
			Technology			velopment (Theory)
FYBSc (IT)	2	DSC Major 3	Information	2	WSITCMJ123	00Ps with C++
			Technology			(Practical)
FYBSc (IT)	2	DSC Minor 1	Information	2	WSITCMN121	Microprocessor and
			Technology			Architecture (Theory)
FYBSc (IT)	2	DSC Minor 2	Information	2	WSITCMN122	Embedded Systems
			Technology			(Theory)
FYBSc (IT)	2	DSC Minor 3	Information	2	WSITCMN123	Embedded Systems
			Technology			(Practical)
FYBSc (IT)	2	SEC	Information	2	WSITCSE121	Digital Electronics
			Technology			Practicals
FYBSc (IT)	2	IKS	Generic	2	WXGENIK121	Indian Knowledge
						System
FYBSc (IT)	2	AEC	Marathi	2	WSMARAE121	Communication Skills
						in Marathi II
FYBSc (IT)	2	AEC	Hindi	2	WSHINAE121	Adhunik Hindi
						Kaavya Aur Srjnat-
						mak Lekhan Evam
						Bhasha Gyaan
FYBSc (IT)	2	0E	BMS	2	WSBMS0E121	Business Leadership
FYBSc (IT)	2	0E	B.Com.	2	WSC0M0E121	Business Manage-
						ment
FYBSc (IT)	2	0E	BAF	2	WSBAF0E121	Micro Accounting
SYBSc (IT)	3	DSC Major 1	Information	2	WSITCMJ231	Data Structure and
			Technology			Algorithm

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
SYBSc (IT)	3	DSC Major 2	Information Technology	2	WSITCMJ232	Numerical & Statistical Methods
SYBSc (IT)	3	DSC Major 3	Information Technology	2	WSITCMJ233	Database Manage- ment System Practi- cal
SYBSc (IT)	3	DSC Minor 1	Information Technology	2	WSITCMN231	Wireless sensor
SYBSc (IT)	3	DSC Minor 2	Information Technology	2	WSITCMN232	Microprocessor and Architecture (Practical)
SYBSc (IT)	3	SEC	Information Technology	2	WSITCSE231	Python Programming Practical
SYBSc (IT)	3	VEC	Information Technology	2	WSB0TVE231	Agrodiversity and Food Diversity of India
SYBSc (IT)	3	VEC	Information Technology	2	WSCHEVE231	Non Conventional Sources of Energy
SYBSc (IT)	3	AEC	English	2	WSENGAE231	Communication Skills in English
SYBSc (IT)	3	0E	BMS	2	WSBMS0E231	Organisational Be- haviour
SYBSc (IT)	3	0E	B.Com.	2	WSCOM0E231	Secretarial Practice I
SYBSc (IT)	3	0E	BFM	2	WSBFM0E231	Securities Market and Its Operations
SYBSc (IT)	3	0E	BAF	2	WSBAF0E231	Tax Law for Salaried Persons
SYBSc (IT)	4	DSC Major 1	Information Technology	2	WSITCMJ241	Data Structure and Algorithm
SYBSc (IT)	4	DSC Major 2	Information Technology	2	WSITCMJ242	Numerical & Statistical Methods
SYBSc (IT)	4	DSC Major 3	Information Technology	2	WSITCMJ243	Database Manage- ment System Practi- cal
SYBSc (IT)	4	DSC Minor 1	Information Technology	2	WSITCMN241	Wireless sensor
SYBSc (IT)	4	DSC Minor 2	Information Technology	2	WSITCMN242	Microprocessor and Architecture (Practical)

74 | PROSPECTUS FOR WILSON COLLEGE | 75 |

Pro- gramme	Semes- ter	Course Type	Department	Cred- its	Course Code	Course Title
SYBSc (IT)	4	SEC	Information Technology	2	WSITCSE241	Python Programming Practical
SYBSc (IT)	4	VEC	Information Technology	2	WSB0TVE241	Agrodiversity and Food Diversity of India
SYBSc (IT)	4	VEC	Information Technology	2	WSCHEVE241	Non Conventional Sources of Energy
SYBSc (IT)	4	AEC	English	2	WSENGAE241	Advanced Com- munication Skills in English
SYBSc (IT)	4	0E 1	BFM	2	WSBFM0E241	Fundamentals of Mutual Funds
SYBSc (IT)	4	0E 1	BAF	2	WSBAF0E241	Tax Procedures for Salaried Persons
SYBSc (IT)	4	0E 2	BMS	2	WSBMS0E241	Human Resource Management
SYBSc (IT)	4	0E 2	B.Com.	2	WSCOM0E241	Secretarial Practice II
TYBSc (IT)	5	DSC1	Information Technology	4	WSITCDC351	Artificial Intelligence
TYBSc (IT)	5	DSC2	Information Technology	4	WSITCDC352	Enterprise java
TYBSc (IT)	5	DSC3	Information Technology	4	WSITCDC353	Enterprise Java App Development
TYBSc (IT)	5	DSE1	Information Technology	2	WSITCDE351	Cyber Laws
TYBSc (IT)	5	DSE2	Information Technology	2	WSITCDE352	Dot Net Core Pro- gramming Theory
TYBSc (IT)	5	DSE1 PRAC- TICAL	Information Technology	2	WSITCDE355	Android Mobile Programming
TYBSc (IT)	5	DSE2 PRAC- TICAL	Information Technology	2	WSITCDE356	Dot Net Core Pro- gramming Practical
TYBSc (IT)	5	VSC	Information Technology	2	WSITCVS351	Data Science Practi- cal
TYBSc (IT)	6	DSC1	Information Technology	4	WSITCDC361	Software Quality Assurance
TYBSc (IT)	6	DSC2	Information Technology	4	WSITCDC362	Business Intelligence

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
TYBSc (IT)	6	DSE1	Information	2	WSITCDE361	Principles of Geo-
			Technology			graphic Information
						System Theory
TYBSc (IT)	6	DSE2	Information	2	WSITCDE362	Data Analysis and
			Technology			visulasation Practi-
						cal
TYBSc (IT)	6	DSE1 PRAC-	Information	2	WSITCDE365	Security In Comput-
		TICAL	Technology			ing (Theory)
TYBSc (IT)	6	DSE2 PRAC-	Information	2	WSITCDE366	Security In Comput-
		TICAL	Technology			ing Practical
TYBSc (IT)	6	VSC1	Information	2	WSITCVS361	GIS Practical
			Technology			
TYBSc (IT)	6	VSC2	Information	2	WSITCVS362	Robotics Automation
			Technology			Practical

### 6. Bachelor of Vocational Studies (B.Voc) in Theater & Stage Craft

Wilson College in its commitment to provide quality skill based education introduced its first UGC approved B.Voc in Theatre and Stage Craft. The course is a success with a strong collaboration with Readings in the Shed, a theatre production house that has successfully produced over 24 plays and run over 70 shows across the country.

The course is also the first of its kind among the colleges of Mumbai. It aims to give practical training to the students to work in diverse areas of theatre and the performing arts. Students will be trained in the fundamentals and advanced concepts and practices of Acting, Direction, Set Design, Aesthetics, Performance and Writing.

Internships form an integral part, of the course, thus students also get an opportunity to gain experiential knowledge from industry and theatre practitioners in Mumbai. Students have secured prestigious local, national, and international internships that explain the success of the program. Imminent resource persons at the course include Sahitya Academy Recipient Mahesh Dattani, National Award recipient Ms. Yuki Illias, Nationally recognised practitioner Mr. Ramu Ramanathan, Ms. Faezeh Jalali, The Costume Team, Mr. Nikhil Katara, Mr. Shaun Williams, Ms. Himali Kothari (to name a few). The course is currently coordinated by Dr. Biraj Mehta Rathi and Mr. Nikhil Katara.

The course has multiple entry and exit levels, students can choose either of these courses

Certificate Course: 6 months

Diploma Course: 1 year Advance Diploma: 2 years Degree Course: 3 years

Eligibility: i. 10+2 (any stream) ii. Candidates who have acquired NSQF certification level 4 in particular industry sector. Email: bvocinquiry@wilsoncollege.edu

Learners opting for certificate, diploma and advance diploma courses should make sure that their lecture schedules do not overlap with other programs they have enrolled in as 80% attendance is mandatory for successful completion of the BVoc course.

# **Course code and Course Titles for B.Voc**

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
FYBVoc	1		B.Voc.	6	WUIVTS101	Aesthetics and Theatre
FYBVoc	1		B.Voc.	6	WUIVTS102	Art, Ethics and Law
FYBVoc	1		B.Voc.	4	WUIVTS103	Acting Basics
FYBVoc	1		B.Voc.	4	WUIVTS104	Design Basics
FYBVoc	1		B.Voc.	5	WUIVTS105	Dramatic Writing
FYBVoc	1		B.Voc.	5	WUIVTS106	Performance -I
FYBVoc	2		B.Voc.	6	WUIVTS201	Language and Drama
FYBVoc	2		B.Voc.	6	WUIVTS202	Drama, Translation and Politics
FYBVoc	2		B.Voc.	4	WUIVTS203	Improvisation
FYBVoc	2		B.Voc.	4	WUIVTS204	Playwriting
FYBVoc	2		B.Voc.	5	WUIVTS205	Contemporary Indian Theatre
FYBVoc	2		B.Voc.	5	WUIVTS206	Performance -II
SYBVoc	3		B.Voc.	6	WUIVTS301	Theatre and Cul- tural Studies: Indian Context
SYBVoc	3		B.Voc.	6	WUIVTS302	Theatre Praxis and Environment Studies
SYBVoc	3		B.Voc.	4	WUIVTS303	Theatre for Business and Corporates
SYBVoc	3		B.Voc.	4	WUIVTS304	Basics of Sound Design
SYBVoc	3		B.Voc.	5	WUIVTS305	Introduction to World Theatre Practices

Pro-	Semes-	Course Type	Department	Cred-	Course Code	Course Title
gramme	ter			its		
SYBVoc	3		B.Voc.	5	WUIVTS306	Performance -3 (Peer Audience)
SYBVoc	4		B.Voc.	6	WUIVTS401	Theatre and Perform- ing Arts
SYBVoc	4		B.Voc.	6	WUIVTS402	Theatre and Educa- tion
SYBVoc	4		B.Voc.	4	WUIVTS403	Basics of Costume Designing for Theatre
SYBVoc	4		B.Voc.	4	WUIVTS404	Basics of Set Design
SYBVoc	4		B.Voc.	5	WUIVTS405	Basics of Light Design
SYBVoc	4		B.Voc.	5	WUIVTS406	Performance-4 (Peer Audience)
TYBVoc	5		B.Voc.	6	WUIVTS501	Economics and Mar- keting Practices
TYBVoc	5		B.Voc.	6	WUIVTS502	Arts and Criticism
TYBVoc	5		B.Voc.	4	WUIVTS503	Physical theatre
TYBVoc	5		B.Voc.	4	WUIVTS504	Basics of Producing
TYBVoc	5		B.Voc.	5	WUIVTS505	Theories of Perfor- mance
TYBVoc	5		B.Voc.	5	WUIVTS506	Performance V
TYBVoc	6		B.Voc.	6	WUIVTS601	History of Theatre
TYBVoc	6		B.Voc.	6	WUIVTS602	Art and Politics
TYBVoc	6		B.Voc.	4	WUIVTS603	Theories of Direction
TYBVoc	6		B.Voc.	4	WUIVTS604	Digital Theatre
TYBVoc	6		B.Voc.	5	WUIVTS605	Scenography
TYBVoc	6		B.Voc.	5	WUIVTS606	Performance VI

# **Post Graduate Programmes**

#### **Postgraduate Courses**

Postgraduate teaching is coordinated by the University of Mumbai. Fees for the M.Sc. & Ph.D. and conditions for admission are laid down by the University. Therefore, application for admission should be given directly to the Registrar, University of Mumbai.

Postgraduate facilities in this College are available in the following Courses:

**M.Sc in Chemistry** is available with specialization in Physical Chemistry, Inorganic Chemistry, Organic Chemistry and Analytical Chemistry by Paper and Research. The programme is of two years duration. The course work for each semester includes four theory papers and four practical papers. It is mandatory for the students to complete and submit the assignments in stipulated time period for each paper. Evaluation is based on 40% internal component and 60% external component.

**M.Sc. Microbiology** The department of Microbiology was recognized in 1977 for post graduate studies by Mumbai university, M.Sc by papers and research is offered for Postgraduate studies, the intake capacity for the programme is five candidates for papers and two by research. The admission is based on merit, students who successfully major with six units of Microbiology at T.Y.BSc are admitted for M.Sc Microbiology by papers, this programme is of two years duration. The course work for every semester includes four theory papers and Practicals. Evaluation is based on 40% internal component and 60% external component. Students are required to complete and submit the assignments in stipulated time period for each paper.

The highly experienced and dedicated M.Sc recognised teachers: Dr Anuradha S Pendse (H.O.D), Dr Radhika Birmole, Mrs Meghana R Gore and Dr Joyline Mascarenhas are actively engaged in coaching the students for PG studies.

Besides classroom learning the Post graduate students are also active in curricular related activities like organizing and participating in International Conference, National Symposium, Seminars, Molecular Biology Workshops, Bioinformatics Workshop, guidance lectures for career and competitive exams, School workshop, Intercollegiate annual department festival Biomosaic. Socially related projects such as Helping hands and workshops as part of orientation to Microbiology for common people are organized. Students undertake internships and training during vacation in reputed institutes and research centers which contributes to their overall grooming.

During the programme many students complete laboratory projects related to Microbiology and allied fields, quality research of students is published in reputed national and international journals. On completion of their Post graduate studies. some students appear for GATE /SET /NET competitive exams, and also apply for Ph.D programme in India and abroad, others avail placement opportunities in academic institutes, research centers, Quality assurance and regulatory affairs department of food and pharmaceutical industries, environment based companies etc

**M.Sc in Zoology** is available with specialization in **Animal Physiology**. The programme is of two years duration. The course work for each year includes four theory papers and four practical papers. It is

mandatory for the students to complete and submit the assignments in stipulated time period for each paper.

Evaluation is based on 40% internal component and 60% external component.

The intake capacity for the programme is ten candidates. The admission is based on merit. Those who have successfully completed the three years degree course in Zoology (B.Sc Zoology) can apply for this course.

Students from other than Mumbai University are required to submit eligibility, transfer and migration certificate. Procurement and submission of these documents will be the sole responsibility of the candidate.

### 1.Chemistry

Students are required to fill the CGPA of previous semesters i.e. Semester I, II, III & IV in the admission form too.

Students from other Universities should submit eligibility and transfer / Migration certificate along with an undertaking at the time of admission regarding compliance of eligibility criteria as laid down by the University of Mumbai. The application for provisional statement of eligibility along with the supporting documents are to be submitted in the college office after the admission is confirmed and as per the notice which will be displayed separately on the college website.

Any student who has an educational gap after passing a UG/Degree course and wishes to apply for a PG course should submit a Gap Certificate during the time of admission.

Admissions would be granted on the basis of merit and abiding the set norms by University of Mumbai / State Government as may be applicable to the minority institution. For details refer to the policy document ( give the admission policy link here -FROM COLLEGE ).

The admission will be confirmed only after the verification of documents by the college authority and payment of fee by the student.

### 2. MSc Information Technology

- MSc IT program in IT department was introduced in the year 2017. The objective of program is ability to apply the knowledge of information technology with recent trends aligned with research and technology.
- ii. No. of seats (Capacity): 20
- iii. Eligibility: Any student who has passed T Y BSc in computer science /IT/mathematics/stastics/ physics for all six semester can apply for PG course

GENERAL CRITERIA OR ADMISSION TO M.Sc courses

Criteria of Admission:1

The admission will be granted based on marks obtained in T.Y.B.Sc. Examination in semester V and semester VI (Excluding Applied Component).

It is mandatory for students to fill the University pre-registration /pre -enrollment and application

PROSPECTUS FOR WILSON COLLEGE | 81 |

form; these documents are required for confirmation of admission. Visit university website www. mum.digitaluniversity.ac for the same. In case, the University has not commenced the pre-registration process then students should undertake to submit the pre-registration form to the college office immediately after the pre-registration process begins, without which the admission will not be confirmed.

Students are required to fill the CGPA of previous semesters i.e. Semester I, II, III & IV in the admission form too.

Students from other Universities should submit eligibility and transfer / Migration certificate along with an undertaking at the time of admission regarding compliance of eligibility criteria as laid down by the University of Mumbai. The application for provisional statement of eligibility along with the supporting documents are to be submitted in the college office after the admission is confirmed and as per the notice which will be displayed separately on the college website.

Any student who has an educational gap after passing a UG/Degree course and wishes to apply for a PG course should submit a Gap Certificate during the time of admission.

Admissions would be granted on the basis of merit and abiding the set norms by University of Mumbai / State Government as may be applicable to the minority institution. For details refer to the policy document ( give the admission policy link here -FROM COLLEGE ).

The admission will be confirmed only after the verification of documents by the college authority and payment of fee by the student.

- v. Fees for each Course: as per the institutional fee structure
- vi. Semester Wise code, Course title

### 3. Department of Microbiology

The department of Microbiology was recognized in 1977 for post graduate studies by Mumbai university, M.Sc by papers and research are offered for Post-Graduation studies, the intake capacity for the programme is five candidates for papers and two by research. The admission is based on merit, students who successfully major with six units of Microbiology at T.Y.BSc are admitted for M.Sc Microbiology by papers, this programme is of two years duration. The course work for every semester includes four theory papers and Practicals. Evaluation is based on 40% internal component and 60% external component. Students are required to complete and submit the assignments in stipulated time period for each paper.

The highly experienced and dedicated M.Sc recognised teachers: Dr Anuradha S Pendse (H.O.D), Dr Radhika Birmole, Mrs Meghana R Gore and Dr Joyline Mascarenhas are actively engaged in coaching the students for PG studies.

Besides classroom learning the Post graduate students are also active in curricular related activities like organizing and participating in International Conference, National Symposium, Seminars, Molecular Biology Workshops, Bioinformatics Workshop, guidance lectures for career and competitive exams, School workshop, Intercollegiate annual department festival Biomosaic. Socially related projects such as Helping hands and workshops as part of orientation to Microbiology for common people are organized.

Students undertake internships and training during vacation in reputed institutes and research centers which contributes to their overall grooming.

During the programme many students complete laboratory projects related to Microbioloy and allied fields, quality research of students is published in reputed national and international journals. On completion of their Post graduate studies, some students appear for GATE /SET /NET competitive exams, and also apply for Ph.D programme in India and abroad, others avail placement opportunities in academic institutes, research centers, Quality assurance and regulatory affairs department of food and pharmaceutical industries, environment based companies etc.

### 4. M.Sc in Zoology

**M.Sc in Zoology** is available with specialization in **Animal Physiology**. The programme is of two years duration. The course work for each year includes four theory papers and four practical papers. It is mandatory for the students to complete and submit the assignments in stipulated time period for each paper.

Evaluation is based on 40% internal component and 60% external component.

The intake capacity for the programme is ten candidates. The admission is based on merit. Those who have successfully completed the three years degree course in Zoology (B.Sc Zoology) can apply for this course.

Students from other than Mumbai University are required to submit eligibility, transfer and migration certificate. Procurement and submission of these documents will be the sole responsibility of the candidate.

### 5. Master of Arts (M.A.) in English

The Master of Arts (M.A.) in English at Wilson College, Mumbai, is a two-year postgraduate program affiliated with the University of Mumbai. This program is designed to provide a comprehensive understanding of English literature, media, and culture, equipping students with critical thinking and effective communication skills.

Program Overview

- Duration: 2 years (Full-time)
- Total Seats: 40
- Eligibility: Applicants must hold a bachelor's degree in English or a related field from a recognized university, with a minimum of 50% marks.

# 6. Master of Arts (M.A.) in Counselling Psychology

The Master of Arts (M.A.) in Counselling Psychology at Wilson College, Mumbai, is a two-year postgraduate program affiliated with the University of Mumbai. This program is designed to equip students with both theoretical knowledge and practical skills in the field of psychology, focusing on counselling practices across various life stages and societal contexts.

# Program Overview

Duration: 2 years (Full-time)

• Total Seats: 30

 Eligibility: Applicants must hold a bachelor's degree in Psychology as the single major subject from a recognized university.

# **Course code and Course Titles for M.Sc. (Chemistry)**

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
	Physical chemistry			
M.Sc-I Sem-I	Mandatory Course-I	WSCHEMT511	Physical Chemistry-I	4
	Mandatory Course-II	WSCHEMT512	Inorganic Chemistry-I	4
	Mandatory Course-III	WSCHEMT513	Organic Chemistry-I	4
	"Mandatory Course Practical"	WSCHEMP514	Chemistry Practical-I (Physical and Inorganic Chemistry)	2
	Elective Theory	WSCHEET511 OR WSCHEET513	General Analytical Chemistry-I OR Advanced Instrumentation Techniques-I	2
	Elective Practical	WSCHEEP512	"Chemistry Practical-II (Organic and Analytical Chemistry)"	2
	RM (Mandatory)	WSCHERM511	Research Methodology	4
	Inorganic Chemistry			
	Mandatory Course-I	WSCHEMT511	Physical Chemistry-I	4
	Mandatory Course-II	WSCHEMT512	Inorganic Chemistry-I	4
	Mandatory Course-III	WSCHEMT513	Organic Chemistry-I	4
	"Mandatory Course Practical"	WSCHEMP514	"Chemistry Practical-I (Physical and Inorganic Chemistry)"	2
	Elective Theory	"WSCHEET511 OR WSCHEET513"	"General Analytical Chemistry-I OR Advanced Instrumentation Tech- niques-I"	2
	Elective Practical	WSCHEEP512	"Chemistry Practical-II (Organic and Analytical Chemistry)"	2
	RM (Mandatory)	WSCHERM511	Research Methodology	4
	Organic Chemistry			
	Mandatory Course-I	WSCHEMT511	Physical Chemistry-I	4
	Mandatory Course-II	WSCHEMT512	Inorganic Chemistry-I	4
	Mandatory Course-III	WSCHEMT513	Organic Chemistry-I	4

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
	Mandatory Course	WSCHEMP516	Chemistry Practical-I (Organic and	2
	Practical		Analytical Chemistry)	
	Elective Theory	WSCHEET511	General Analytical Chemistry-I	2
		OR	OR Advanced Instrumentation	
		WSCHEET513	Techniques-I	
	Elective Practical	WSCHEEP514	Chemistry Practical-II (Physical and	2
			Inorganic Chemistry)	
	RM (Mandatory)	WSCHERM511	Research Methodology	4
	(Analytical Chemistry			
	Mandatory Course-I	WSCHEMT511	Physical Chemistry-I	"04 04"
	Mandatory Course-II	WSCHEMT512	Inorganic Chemistry-I	
	Mandatory Course-III	WSCHEMT515	Analytical Chemistry-I	4
	Mandatory Course	"WSCHEMP516	Chemistry Practical-I (Organic and	2
	Practical	П	Analytical Chemistry)	
	Elective Theory	WSCHEET515	"Theoretical Organic Chemistry and	2
		OR	Reaction	
		WSCHEET516	Mechanism	
			OR	
			Stereochemistry and Synthetic	
			Organic Chemistry"	_
	RM (Mandatory)	WSCHERM511	Research Methodology	4
"M.Sc-I Sem-II"	Physical chemistry			
	Mandatory Course-I	WSCHEMT521	Physical Chemistry-II	4
	Mandatory Course-II	WSCHEMT522	Inorganic Chemistry-II	4
	Mandatory Course-III	WSCHEMT523	Organic Chemistry-II	4
	"Mandatory Course	WSCHEMP524	Chemistry Practical-III (Physical	2
	Practical"		and Inorganic Chemistry)	
	Elective Theory	WSCHEET521	General Analytical Chemistry-II	2
		OR	OR Advanced Instrumentation	
		WSCHEET523	Techniques-II	
	Elective Practical	WSCHEEP522	"Chemistry Practical-IV	2
			(Organic and Analytical	
			Chemistry)"	
	OJT/ FP	WSCHEFP521	Industrial Training/Field Project	4
	Inorganic Chemistry			
	Mandatory Course-I	WSCHEMT521	Physical Chemistry-II	4
	Mandatory Course-II	WSCHEMT522	Inorganic Chemistry-II	4
	Mandatory Course-III	WSCHEMT523	Organic Chemistry-II	4

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
	"Mandatory Course Practical"	WSCHEMP524	"Chemistry Practical-III (Physical and Inorganic Chemistry)"	2
	Elective Theory	"WSCHEET521 OR WSCHEET523"	"General Analytical Chemistry-II OR Advanced Instrumentation Tech- niques-II"	2
	Elective Practical	WSCHEEP522	"Chemistry Practical-IV (Organic and Analytical Chemistry)"	2
	OJT/ FP	WSCHEFP521	Industrial Training/Field Project	4
	Organic Chemistry			
	Mandatory Course-I	WSCHEMT521	Physical Chemistry-II	4
	Mandatory Course-II	WSCHEMT522	Inorganic Chemistry-II	4
	Mandatory Course-III	WSCHEMT523	Organic Chemistry-II	4
	Mandatory Course Practical	WSCHEMP526	Chemistry Practical-III (Organic and Analytical Chemistry)	2
	Elective Theory	WSCHEET521 OR WSCHEET523	General Analytical Chemistry-II OR Advanced Instrumentation Techniques-II	2
	Elective Practical	WSCHEEP524	Chemistry Practical-IV (Physical and Inorganic Chemistry)	2
	OJT/ FP	WSCHEFP521	Industrial Training/Field Project	4
	Analytical Chemistry			
	"Mandatory Course-I	WSCHEMT521	Physical Chemistry-II	4
	Mandatory Course-II	WSCHEMT522	Inorganic Chemistry-II	4
	Mandatory Course-III	WSCHEMT525	Analytical Chemistry-II	4
	"Mandatory Course Practical"	"WSCHEMP526 Chemistry)"	Chemistry Practical-III (Organic and Analytical	2
	Elective Theory	WSCHEET525 OR WSCHEET526	"Synthetic Organic Chemistry andRearrangement Reactions OR Theoretical Organic Chemistry and Spectroscopy"	2
	Elective Practical	WSCHEEP524	ChemistryPractical-IV (Physicalan- dlnorganic Chemistry)	2
	OJT/ FP	WSCHEFP521	Industrial Training/Field Project	4

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
M.Sc-II Sem-III	Mandatory Course-I	WSCHPMT631	Nano chemistry, statistical me- chanics & Nuclear chemistry.	4
	Mandatory Course-II	WSCHPMT632	Atomic and Molecular: Structure and Spectroscopy	4
	Mandatory Course-III Practical	WSCHPMP631	Physical Chemistry Practical -I	4
	Mandatory Course-IV	WSCHPMT633	Chemistry: Surface & Photo Chemistry	2
	Elective Theory	WSCHPET631	Advanced Instrumental Tech- niques-I	2
	Elective Practical	WSCHPEP631	Instrumental Analysis	2
	Project	WSCHPRP631	Research Project	4
MSc-II Sem-IV	Mandatory Course-I	WSCHPMT641	Material Science, network and irreversible thermodynamics	4
	Mandatory Course-II	WSCHPMT642	Symmetry & Spectroscopy	4
	Mandatory Course-III Practical	WSCHPMP641	Physical Chemistry Practical -II	4
	Elective Theory	WSCHPET642	Chemistry: Polymer, Green, Bio- physical and Applied	2
	Elective Practical	WSCHPEP641	Spectral Interpretation	2
	Project	WSCHPRP641	Dissertation	6
MSc-II SEM III	Mandatory Course -I	WSCHIMT631	Bioinorganic and Coordination Chemistry.	4
	Mandatory Course -II	WSCHIMT632	Spectral Methods in Inorganic Chemistry	4
	Mandatory Course -III	WSCHIMP631	Inorganic Practical-I	4
	Mandatory Course -IV	WSCHIMT633	Chemistry of Inorganic Solids	2
	"Elective theory"	WSCHIET632"	" Inorganic Materials"	2
	"Elective practical"	WSCHIEP631	Solvent Extraction / Analysis of samples-I	2
	Project	WSCHIRP631	Industrial training /Field Project	4
MSc-II SEM IV	Mandatory Course -I	WSCHIMT641	Organometallics and main group Chemistry	4
	Mandatory Course -II	WSCHIMT642	Instrumental methods in Inorganic Chemistry and Group theory	4
	Mandatory Course -III	WSCHIMP641	Inorganic Practical -II	4
	"Elective Theory"	" WSCHIET642"	Properties of Inorganic Solids"	2

PROSPECTUS FOR WILSON COLLEGE | 87 |

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
	"Elective	WSCHIEP641	Analysis of samples-II	2
	Practical"			
	Project	WSCHIRP641	Dissertation	6
M.Sc. II SEM-III	Mandatory Course -I	WSCH0MT631	Theoretical Organic Chemistry -I	4
	Mandatory Course -II	WSCHOMT632	Synthetic Organic Chemistry -I	4
	Mandatory Course -III	WSCH0MP631	Organic Chemistry Practical-I & II	4
	Mandatory Course -IV	WSCH0MT633	Advanced Spectroscopic technique	2
	Elective theory	"WSCH0ET631	"Drug discovery, design, develop- ment and synthesis	2
	Elective practical	WSCH0EP5631	Advanced Organic Chemistry Practical-I	2
	Project	WSCHORP631	Research Project	4
M.Sc. II SEM-IV	Mandatory Course -I	WSCHOMT641	Theoretical Organic Chemistry -II	4
	Mandatory Course -II	WSCH0MT642	Synthetic Organic Chemistry -II	4
	Mandatory Course -III	WSCHOMP5641	Organic Chemistry Practical-III & IV	4
	Elective theory	WSCH0ET642	Heterocyclic Chemistry	2
	Elective practical	WSCH0EP641	Advanced Organic Chemistry Practical-II	2
	Project	WSCHORP641	Dissertation	6
MSc Sem 3	Mandatory Course-I	WSCHAMT631	Advance Instrumental Techniques-	4
	Mandatory Course-II	WSCHAMT632	Bio analytical Chemistry and Food Analysis	4
	Mandatory Course-III Practical	WSCHAMP631	Analytical Chemistry Practical-I	4
	Mandatory Course-IV	WSCHAMT633	Chromatographic Techniques	2
	Elective- I	WSCHAET631	Pharmaceutical and Organic Analysis	2
	Elective Practical	WSCHAEP631	Advanced Chemical Analysis- I	2
	Project	WSCHARP631	Research Project	4
MSc Sem 4	Mandatory Course-I	WSCHAMT641	Advanced Instrumental Tech- niques-II	4
	Mandatory Course-II	WSCHAMT642	Material Science and Integrated Environmental Chemistry	4
	Mandatory Course-III Practical	WSCHAMP641	Analytical Chemistry Practical-II	4
	Elective- II	WSCHAET642	Quality In Analytical Chemistry	2

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
	Elective Practical	WSCHAEP641	Advanced Chemical Analysis- II	2
	Project	WSCHARP641	Dissertation	6

# **Course code and Course Titles for M.com - Accountancy**

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
Mcom- Part -1				
Sem 1		WCCOMMT511	COST AND MANAGEMENT AC- COUNTING	4
		WCCOMMT512	BUSINESS ETHICS AND SOCIAL RESPONSIBILITY	4
		WCCOMMT513	ECONOMICS FOR BUSINESS DECI- SION	4
		WCCOMET511	ADVANCE FINANCIAL ACCOUNT- ING	2
		WCCOMET512	FINANCIAL MANAGEMENT	2
		WCCOMRM511	RESEARCH METHODOLOGY	4
Sem 2		WCCOMMT521	STRATEGIC MANAGEMENT	4
		WCCOMMT522	E-COMMERCE	4
		WCCOMMT523	MACRO ECONOMICS CONCEPT	4
		WCCOMET521	CORPORATE FINANCE	2
		WCCOMET522	PERSONAL FINANCIAL PLANNING	2
		WCCOMOJ521	OJT / FP	4
Mcom- Part -2				
Sem 3		WCCOMMT631	Mandatory: DIRECT TAX	4
		WCCOMMT632	Mandatory: ADVANCED COST AC- COUNTING	4
		WCCOMMT633	Mandatory: ADVANCED AUDITING	4
		WCCOMET631	Elective: Investment Analysis & Portfolio Management	2
		WCCOMET632	Elective: Advanced Financial Accounting	2
		WCCOMRP631	Project work I	4
Sem 4		WCCOMMT641	Mandatory: INDIRECT TAX-INTRO- DUCTION OF GOODS AND SERVICE TAX	4
		WCCOMMT642	Mandatory: FINANCIAL MANAGE- MENT	4

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
		WCCOMMT643	Mandatory: CORPORATE FINAN-	4
			CIAL ACCOUNTING	
		WCCOMET641	Elective: Investment Analysis &	2
			Portfolio Management II	
		WCCOMET642	Elective: Personal Financial Plan-	2
			ning II	
		WCCOMRP641	Project work II	4

# **Course code and Course Titles for MSc- Microbiology**

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
MSC-				
Part -1				
MSc	Mandatory 1	WSMICMT511	Advance genetics and study of	4
Part 1			omics	
Sem 1				
	Mandatory 2	WSMICMT512	Biomolecules, their roles and	4
			microbial metabolism	
	Mandatory 3 practical 1	WSMICMP513	Techniques in applied genetics	2
	Mandatory 3 practical 2	WSMICMP514	Analysis of biomolecules and	2
			microbial techniques	
	Elective 1 theory	WSMICET511	Tools and techniques	2
	Elective 1 Practical	WSMICEP512	Tools and techniques	2
	Research methodology	WSMICRM511	Research methodology	4
MSc	Mandatory 1	WSMICMT521	CELL BIOLOGY	4
Part 1				
Sem 2				
	Mandatory 2	WSMICMT522	"PHARMACEUTICAL and	4
			COSMETIC	
			MICROBIOLOGY"	
	Mandatory 3 practical 1	WSMICMP523	"INTRODUCTION	2
			TO CELL	
			CYTOLOGY"	
	Mandatory 3 practical 2	WSMICMP524	"MICROBIAL	2
			ANALYSIS OF	
			PHARMACEUTIC	
			AL PRODUCTS"	
	Elective 1 theory	WSMICET521	"FOOD PRESERVATION and	2
			FERMENTATION"	
	Elective 1 Practical	WSMICEP522	"FOOD	2
			PRESERVATION and	
			FERMENTATION"	

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
	On Job Training	WSMICOJ521	Internship	4
MSC-				
Part -2				
MSc	Mandatory 1	WPSMICMT631	Molecular biology and population	4
Part 2			genetics	
Sem 3				
	Mandatory 2	WPSMICMT632	Epidemiology of microbial diseas-	4
			es, advances in medical microbiol-	
			ogy and immunology	
	Mandatory 3	WPSMICMT633	advance virology	4
	Mandatory 4 practical	WPSMICMP634	techniques in immunology and	2
			molecular biology	_
	Elective 1 theory	WPSMICET631	Biostatistics and bioinformatics	2
	Elective 1 practical	WPSMICEP631	Biostatistics and bioinformatics	2
	Research project	WPSMICRP631	Research project	4
MSc	Mandatory 1	WPSMICMT641	"APPLIED	4
Part 2			MICROBIOLOGY"	
Sem 3		14/D01/401/470/40	#451/441/650 IN	
	Mandatory 2	WPSMICMT642	"ADVANCES IN	4
	D.A	NA/DONALONATO 40	BIOTECHNOLOGY"	4
	Mandatory 3	WPSMICMT643	IPR, BIOETHICS AND NANOBIO-	4
	FI C 4 d	VA/DONALOETO 4.4	TECHNOLOGY	0
	Elective 1 theory	WPSMICET641	ENVIRONMENTAL MANAGEMENT,	2
			SAFETY STANDARDS & SUSTAIN-	
	Flooting 1time!	M/DCM/ICEDC//O	ABLE DEVELOPMENT	0
	Elective 1 practical	WPSMICEP642	ENVIRONMENTAL MANAGEMENT,	2
			SAFETY STANDARDS & SUSTAIN-	
	December of	VA/DON/HODDO 4.4	ABLE DEVELOPMENT	0
	Research project	WPSMICRP641	Dissertation	6

# Course code and Course Titles for MA English: Literature, Media and Culture

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
<b>MA- Part</b>				
-1				
MA Pt 1	Mandatory 1	WAENGMT511	An Introduction to Critical Theory	4
Semes-				
ter 1				
	Mandatory 2	WAENGMT512	The Politics of Space: A Study of	4
			Spatial Theory	

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
	Mandatory 3	WAENGMT513	Visual Culture	4
	Elective 1	WAENGET511	Creative Writing: Poetry	4
	Elective 2	WAENGET512	Writing for Digital Media: Strate- gies and Techniques	4
	Research Methodology	WAENGRM511	Research Methodology	4
MA Pt 1 Semes- ter 2	Mandatory 1	WAENGMT521	Literature and Cinema	4
	Mandatory 2	WAENGMT522	Myth, Ritual and Symbolism	4
	Mandatory 3	WAENGMT523	Comedy and Humour: An Introduction	4
	Elective 1	WAENGET521	Creative Writing: The Novel and Short Story	4
	Elective 2	WAENGET522	Stylistics	4
	OJT	WAENGOJ524	Internship	4
MA- Part -2				
MA Pt 2 Semes- ter 3	Mandatory 1	WAENGMT631	An Introduction to Critical Theory	4
	Mandatory 2	WAENGMT632	Identity and Perception	4
	Mandatory 3	WAENGMT633	Narratives of Conflict	4
	Elective 1	WAENGEL631	Filmmaking	4
	OJT	WAENGOT631	0JT	4
MA Pt 2 Semes- ter 4	Mandatory 1	WAENGMT641	Aesthetics in Art and Architecture	4
	Mandatory 2	WAENGMT642	Cultural Studies	4
	Mandatory 3	WAENGMT643	Biopolitics and Biopower	4
	Elective 2	WAENGET642	Vulnerability Studies	4
	RP	WAENGRP641	Dissertation	6

# **Course code and Course Titles for MSc-Information technology**

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
MScIT-				
Part -1				
MscIT		WSITCMT511	Data Science	4
Part-I				
Sem-I				
		WSITCMT512	Cloud Technology	4
		WSITCMT513	Data Science Practical	2
		WSITCMP514	Cloud Technology Practical	2
		WSITCET511	Soft Computing Theory (Elective)	2
		WSITCEP512	Soft Computing Practicals(Elective)	2
		WSITCRM511	Research Methodology	4
MscIT				
Part-I				
Sem-II				
		WSITCMT521	Predictive Analysis	4
		WSITCMT522	Robotics	4
		WSITCMT523	Predictive Analysis Practical	2
		WSITCMP524	Robotics Practical	2
		WSITCET521	Big Data Analytics(Elective)	2
		WSITCEP522	"Big Data Analytics	2
			Practicals(Elective)"	
		WSITCFP521	Project Implementation or Intern-	4
			ship /Industrial Training	
MA- Part				
-2				
MscIT	Mandatory-1 (Theory)	WSITCMT631	Ethical Hacking	4
Part-I				
Sem-III				
	"Mandatory-2	"WSITCMT632	Machine Learning	4
	(Theory)"			
		"		
	"Mandatory-3	WSITCMT633	Machine Learning Practical	2
	(Practical)"	MAIOITON ADOCA	F91: 111 1: D :: 1	
	Practical 1	WSITCMP631	Ethical Hacking Practical	2
	"(Elective)	WSITCET631	Applied Artificial Intelligence	2
	Theory"	MOITOFFE	A 1: 1 A 2:5: 1 1 4 11:	
	"(Elective)	WSITCEP631	Applied Artificial Intelligence	2
	Practical"	MOITODDOG	Practical	
		WSITCRP631	Field Project	4

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
MscIT	Mandatory 1	WSITCMT641	"(ARVR)Virtual	4
Part-I			Reality and	
Sem-IV			Augmented Reality"	
	Mandatory 2	WSITCMT642	Cyber Forensics	4
	"Mandatory 3	WSITCMT643	"Cyber	2
	(Practical)"		Forensics Practical"	
	Practical 1	WSITCMP644	"(ARVR)Virtual	2
			Reality and	
			Augmented Reality Practical"	
	(Elective) Theory	WSITCET641	Deep learning	2
	"(Elective)	WSITCEP642	"Deep learning	2
	Practical"		Practical"	
	"RP(Research	WSITCRP641	"FP (Field project)	6
	Project)"		(180 Hours) /Project Implementa-	
			tion)"	

# **Course code and Course Titles for MSc-Zoology**

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
MSC- Part -1				
M. Sc. SEM I	Mandatory Paper 1	WSZ00MT511	Phylogeny of Non- Chordates & Chordates	4
	Mandatory Paper 2	WSZ00MT512	Comprehensice Physiology & Anatomy	4
	Open Elective	WSZ000ET511	Instrumentation & Bioanalytical techniques	2
	Mandatory Paper 4	WSZ00MR511	Research Methodology	4
	Practical 1	WSZ00MP513	Phylogeny of Non-Chordates & Chordates Practical	2
	Parctical 2	WSZ00MP514	Comprehensive Physiology & Anatomy Practical	2
	Open Elective practical	WSZ00EP512	Instrumentation & Bioanalytical techniques Practical	2
M.sc. SEM 2	Mandatory paper 1	WSZ00MT521	System physiology	4
	Mandatory paper 2	WSZ00MT522	Development Biology, Molecular Genetics & Molecular biology	4

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
	Open Elective	WSZ00ET521	Biochemistry & Metabolic Path- ways	2
	Practical 1	WSZ00MP523	System Physiology Practical	2
	Practical 2	WSZ00MP524	Development Biology, Molecular Genetics & Molecular Biology Practical	2
	Open Elective Practicals	WSZ00EP522	Biochemistry & Metabolic Path- ways practiacls	2
		WSZ00FP521	0JT	4
MSC- Part -2				
M.Sc Sem 3	Mandatory Paper 1	WSZ00MT631	Ecophysiology, Chronobiology and Behavioural Ecology	4
	Mandatory paper 2	WSZ00MT632	Immunology and Cancer Cell Biology	4
	Open Elective	WSZ00ET631	Sensory Physiology	2
		WSZ00RP631	Research Proposal	4
	Practical Paper 1	WSZ00MP633	Ecophysiology, Chronobiology and Behavioural Ecology Practical	2
	Practical paper 2	WSZ00MP634	Immunology and Cancer Cell Biology Practical	2
	Open Elective practical	WSZ00EP632	Sensory Physiology Practical	2
M.SC. sem 4	Mandatory paper 1	WSZ00MT641	Cell communication, Enzymology & Endocrionology	4
	mandatory paper 2	WSZ00MT642	Reproductive Physiology	4
	Open Elective	WSZ00ET641	Maintence of Animal models & Animal Biotechnology	2
	Practical paper 1	WSZ00MP643	Cell communication, Enzymology & Endocrionology Practical	2
	Practical paper 2	WSZ00MP644	Reproductive Physiology practical	2
	Open Elective practical	WSZ00EP642	Maintence of Animal models & Animal Biotechnology practical	2
		WSZ00RP641	Research project	6

# **Course code and Course Titles for MA- Psychology**

YEAR	COURSE	COURSE CODE	COURSE TITLE	CREDIT
MA Sem				
1				
	Mandatory Course 1	WAPSYMT511	Psychology of Cognition and Emo-	4
			tion	
	Mandatory Course 2	WAPSYMT512	Soft Skills for Psychologist	4
	Mandatory Course 3	WAPSYMT513	Psychological Practical	4
	Mandatory Course 4	WAPSYRM511	Research Methods	4
	Elective Paper 5A	WAPSYET512	Theories of Personality	4
MA Sem				
	Mandatory Course 1	WPAPSYMT121	Statistics	4
	Mandatory Course 2	WPAPSYMT122	Applied Developmental Psychology	4
			in Childhood	
	Mandatory Course 3	WPAPSYMT123	Practical	4
	Mandatory Course 4	WPAPSY0J121	Field Project On Job Training	4
	Elective Paper 5A	WPAPSYET121	Positive Psychology	4
MA- Part -2				
MA Sem				
	Mandatory Course 1	WAPSYMT631	Psychotherapy and Intervention Systems	4
	Mandatory Course 2	WAPSYMT632	Counseling Process and Ethics	4
	Mandatory Course 3	WAPSYEP631	Psychometric Assessment and Field Based Practicum	4
	Mandatory Course 4	WAPSYRP631	Dissertation	4
	Elective Course	WAPSYET631	Expressive Arts Therapy	4
MA Sem 4				
	Mandatory Course 1	WAPSYMT641	Family and Couples Counselling	4
	Mandatory Course 2	WAPSYMT642	Counselling in Special Areas	4
	Mandatory Course 3	WAPSYEP641	Field Based Practicum	4
	Mandatory Course 4	WAPSYRP641	Dissertation	4
	Elective Course	WAPSYET641	Trauma Informed Therapy	4

### Ph.D. Programmes

Wilson College, promotes interdisciplinary research and the sharing of ideas and knowledge in a variety of subjects, accepts applications for Ph.D. programmes in both the Arts and Science faculties. The table below contains a list of research guides and their areas of research. Full-time and part-time options are available for the Ph.D. programme. Through the programme, students must complete coursework, participate in a required number of interactions, and provide progress reports via presentations, among other things.

Further, candidates for the Ph.D. programme should have obtained the minimum of 55 percent in their postgraduate degree or its equivalent. Admission to the Ph.D. programme is competitive. After the screening of all application forms, qualified candidates will be called for interviews depending on the number of available seats, and for the research guides to select the candidates as per their choice.

The following website contains the detailed PhD regulations.: <a href="https://mu.ac.in/wp-content/uploads/2021/01/Reserach-Policy-Ph.D..pdf">https://mu.ac.in/wp-content/uploads/2021/01/Reserach-Policy-Ph.D..pdf</a>

# **Disciplines & Guides for Ph.D Programme**

S.No.	Ph.D-Recognised Guide	Subjects/Area of Specialization		
	ARTS STREAM			
1.	Dr. S. Chaubey	Department of Hindi		
		SCIENCE STREAM		
	Dep	artment of Chemistry		
1.	Dr. Jamson Masih	Area: Analytical & Environmental Chemistry (https://scholar.google.com/citations?user=FE1IBDwAAA AJ&hl=en)		
2.	Dr. Harichandra A. Parbat	Area: Chemical Kinetics, Catalysis, Nanomaterial and Quantum Chemistry (https://scholar.google.co.in/citations?user=aquFhOgAAAAJ&hl=en)		
3.	Dr. Sanjay Devrav Mhaske	Area: Carbon Nanotube Chemistry, Organic Synthesis. Short Biography:Subjects Taught: P.G & U.G Level: Organic Chemistry. Recognised PG Teacher in Organic Chemistry. (https://scholar.google.co.in/citations?user=aquFhOgAAAAJ&hl=en)		
4.	Dr. Ashish S. Uzgare	Area: Biochemistry, Bio-organic Chemistry		

Department of Microbiology					
1.	Dr (Mrs). Anuradha S. Pendse	Area: Classical Microbiology, Medical Microbiology and Applied environmental Microbiology.			
2.	Prof. Radhika Birmole	Area: Classical Microbiology and applied environmental technology			
	Department of Botany				
1.	Dr. Abhishek Chris	Area: Studies on the impact of abiotic stresses like UV radiation, heavy metals, pesticides etc.			
2.	Dr. Jai Knox	Area: Biochemical Interaction, Phytoremediation, Biological Control and Ecology			
Department of Zoology					
1.	Dr. Sushant J. Mane	Area: Fishery Sciences, Oceanography, Aquaculture, Marine Science, Immunology and Toxicology.			

# **Degree College**

#### **Admission Rules**

Students seeking admission to the Degree College must fill the online application form for admission which will be provided on the Wilson College website (<a href="https://www.wilsoncollege.edu/">https://www.wilsoncollege.edu/</a>) once the HSC/12th Board exam result is out and University of Mumbai declares the schedule of admission. The completed application form has to be submitted along with all required relevant documents online. The detailed instructions for filling up the admission forms are given on the College website. (<a href="Please check">Please check</a> the detailed Admission Rules & regulations: <a href="https://www.wilsoncollege.edu/">https://www.wilsoncollege.edu/</a>)

#### **University Enrolment**

All students joining F.Y.B.A. and F.Y.B.Sc. and students coming from other Universities to the Degree College must get themselves enrolled in the University.

Original H.S.C. Mark Sheet or Equivalent Examination will also have to be submitted to the University for Verification.

The responsibility for completing the requirements on time rests with the students, otherwise their term will not be granted by the University. (Link can be found on the University of Mumbai website: https://mu.ac.in/)

# **University Ordinances Regarding Attendance**

Ordinance No. 0.6086

For granting the terms in each Course, a minimum of 75% attendance in the theory lectures, practicals, and tutorials will be required out of the total number of lectures, practicals, and tutorials in the Course conducted during the term. Further, it is mandatory for every student to have a minimum of 50% attendance for each course (paper) and average attendance has to be 75%.

On the basis of the above ordinance the College expects a student to fulfill the following requirements:

- 1. The attendance in theory lectures/practical/tutorials in each Course has to be minimum 75%.
- 2. Minimum attendance of 75% is required for each semester.
- 3. Participation of a student in any extra-curricular activity such as sports, N.C.C., N.S.S., etc. gets credited entire attendance for the periods he missed on those grounds. This is, however, Course to production of certificate of participation by the concerned student.

At the beginning of the academic year, students will have to give in writing an undertaking duly signed by him/her and counter signed by his/her parent/guardian, to the effect that he/she would fulfill all the requirements of the College and the University stated above (Link can be found on the University of Mumbai website: https://mu.ac.in/).

#### **Examination**

As per circular No. UG/344 of 2002 University of Mumbai, F.Y. and S.Y. Degree Semester Examinations will be conducted by the College on behalf of the University of Mumbai.

As per the University circular UG/69 of 2011, 18-4-2011 Credit Based Semester and Grading system has been introduced at the undergraduate level from 2011-2012. ((Please check the detailed **Examination Policy**: https://www.wilsoncollege.edu/))

All examination norms are as per University of Mumbai, Circulars, and Ordinances.

### **Prohibition of Ragging Act/Ordinance**

UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions 2009.

"Ragging in all its forms is totally banned in this institution including in its departments, constituent units, all its premises (academic, residential, sport, kiosk, canteen and the like) whether located within the campus or outside and in all means of transportation of students whether public or private, The Institution shall take strict action including but not limited to criminal proceeding and/or cancellation of admission against those found guilty of ragging and/or of abetting ragging and the burden of proof shall be lie on the perpetrator of alleged ragging and not on the victim. An offence of Ragging may be charged either on a written complaint by the affected or on independent finding of the Anti-Ragging Squad. The institution is bound by the UGC Regulations on Curbing the Menace of Ragging in Higher Educational Institutions 2009."

Ragging of any nature by any student or any other person is a serious punishable offence and must be reported to Warden/Teacher/Principal or Management to immediately curb the menace of ragging. The order of The Honourable Supreme Court of India regarding punishment for ragging is as follows:

"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."

### What is Ragging?

"Any disorderly, there by words spoken or written, or by an act which has the effect of teasing, treating or handling with rudeness any other student, indulging in rowdy or undisciplined activities which causes or is likely to cause annoyance, hardship or psychological harm or to raise apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something which such student will not in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student."

### **Punishable ingredients of Ragging**

- 1. Abetment to ragging
- 2. Criminal conspiracy to rag
- 3. Unlawful assembly and rioting while ragging
- 4. Public nuisance created during ragging
- 5. Violation of decency and morals through ragging
- 6. Injury to body, causing hurt, or grievous hurt
- 7. Wrongful restraint
- 8. Wrongful confinement
- 9. Use of Criminal force
- 10. Assault as well as sexual offences or unnatural offences
- 11. Extortion
- 12. Criminal trespass
- 13. Offences against property
- 14. Criminal Intimidation
- 15. Attempts to commit any or all of the above-mentioned offences against the victim(s)
- 16. Physical or psychological humiliation
- 17. All other offences following from the definition of 'Ragging'

The Karnataka Education Act, 1983 (Karnataka Act No. 1 of 1995) section 2(29) defines ragging as "causing, inducing, compelling, or forcing a student, whether by way of a practical joke or otherwise, to do any act which detracts from human dignity or violates his person or exposes him to ridicule or to forbear from doing any lawful act, by intimidating., wrongfully restraining, wrongfully confining, or injuring him or by using criminal force to him or by holding out to him any threat of such intimidation, wrongful restraint, wrongful confinement, injury or the use of criminal force;

# Thus, ragging includes

Act of physical and sexual abuse, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health.

Act of abuse by spoken words, emails, messages, pictures, practical jokes, snail-mails, public insults, perverted pleasures, vicarious, or sadistic feel from actively or passively participating in the discomfiture to others.

Exploitation of junior students for completing academic tasks by senior students. Act of financial extortion or forceful expenditure.

Any act that affects the mental health and self-confidence of students.

Be it known to all that action shall be taken against those who are found indulging in ragging as per Recommendations of Raghavan Committee to Curb the Menace of Ragging Constituted by the Honourable Supreme Court of India, which are as follows:

- 1. The punishment to be meted out has to be exemplary and justifiably harsh to act as a deterrent against recurrence of such incidents.
- 2. Victim may lodge an FIR.
- 3. The institution must be an active party to lodge an FIR.
- 4. Ragging Evidence: Act of ragging witnessed by teaching, nonteaching staff, or administrative staff is to be treated as final.
- 5. In case the applicant for admission is found to have indulged in ragging in the past or if it is noticed later that he has indulged in ragging, admission may be refused or he shall be expelled from the educational institution.
- 6. Anti-ragging committees and squads shall be formed by the institutions and it shall be the job of the committee or the squad, as the case may be, to see that the Committee's recommendations, not particularly those noted above, are observed without exception.

### **Punishment for Ragging**

Depending on the nature and gravity of the offense as established by the Anti-Ragging Committee of the College, those found guilty of ragging shall be liable for any one or any combination of the Following punishments:

- 1. Suspension from attending classes and academic privileges.
- 2. Withholding/withdrawing scholarship/fellowship and other benefits.
- 3. Debarring from appearing in any text/examination or other evaluation process.
- 4. Withholding results.
- 5. Debarring from representing the institution in any national or international meet, tournament, youth festival, etc.
- 6. Suspension/expulsion from the hostel.
- 7. Cancellation of admission.
- 8. Rustication from the institution for a period ranging from 1 to 4 semesters.
- 9. Expulsion from the institution and consequent debarring from admission to any other institution for a specific period.

| 100 | PROSPECTUS FOR WILSON COLLEGE | 101

- 10. Fine ranging between Rs. 25,000/- and Rs. 1 Lakh and/or imprisonment up-to 3 years.
- 11. In the case of offences of very serious/grievous nature, referring the case to the Police, in addition to any other punishment.
- 12. Collective Punishment where the offence is committed collectively by a group or by a class making it difficult or not possible to identify specific persons.

#### Other details

The institution shall file an FIR with the police/local authorities whenever a case of ragging is reported, but shall continue with its own enquiry and other measures without waiting for action on the part of the police/local authorities. Remedial action shall be initiated and completed within the one week of the incident itself.

The Migration Certificate/Transfer Certificate issued by an institution shall have an entry, apart from those of general conduct and behaviour, whether the student had participated in and/or been punished for the offence of ragging or not.

Freshers are encouraged to report incidents of ragging. Those who do not do so even when being witnesses or victims, shall also be punished suitably.

### **Please Note**

Every student will give a written undertaking to the effect that he/she is aware of the law regarding ragging as well as the punishments, and that he/she, if found guilty of ragging, is liable to be punished appropriately.

The parent/guardian of the applicant will also give a written undertaking stating that he/she is aware of the law in this regard and agrees to abide by the punishment meted out to his/her ward in case the latter is found guilty of ragging.

College Anti-Ragging Squad: You may contact the squad in case you have been a victim or a witness to any aspect of ragging.

The decision of the Principal and the Anti-Ragging Committee in all matters shall be final and binding.

#### **The Internal Committee**

(formally known as The Internal Complaints Committee).

It is mandatory to constitute this Committee in all organizations and institutions, having more than ten employees. The IC is constituted under The UGC Regulations, 2015 and Sexual Harassment of women at the workplace, prevention, prohibition and redressal Act, 2013. This committee is different from other committees because it has legal powers and is a quasi-legal committee.

This Committee is formed with the purpose of providing women employees and women students with safe spaces so that they can study and work without fear of being harassed sexually, while in the institution.

Sexual harassment can take the form of inappropriate physical contact or inappropriate virtual communication on Whatsapp or demands for sexual favours, or showing pornographic material to a

woman. Any kind of unwelcome physical, verbal or virtual behaviour found offensive by the woman that makes her feel uncomfortable, and as a result, she is upset, disturbed, fearful and unable to study or work.

If any woman- student or teacher or any woman working or visiting the institution experiences harassment, she is free to complain to the committee. The complaint has to be given verbally and/or in writing to the committee.

Or she can email the IC: icc@wilsoncollege.edu.

Written complaints will result in formal redressal of complaints. The complainant and respondent have to appear before the committee. Proof of harassment has to be submitted to the Committee. The complaint has to be made within 90 days of the last incident taking place. The IC looks into the complaint and punishes the respondent if found guilty. Punishment will depend on the severity of the harassment - in extreme cases, it can result in suspension or loss of the job of a teacher/employee or the student being expelled.

#### **Code of Conduct for Students**

- 1. All students must wear their I-Card at all times in the College premises. Student not carrying valid I-Card may be denied entry in to College premises
- 2. Student behaviour must at no point disturb the conduct of lectures and practicals in their classes. There should be littering or defacing the walls and furniture in the institution.
- 3. Students are expected to practise eco-friendly habits.
- 4. Any form of gambling, smoking, consumption of alcohol or substance abuse are strictly prohibited in the College premises.
- 5. Students should dress appropriately for an educational institution.
- 6. Mobile phones should be kept on silent mode or switched off in the classrooms, library, laboratories, and corridors, unless asked by a teacher for teaching learning purposes.
- 7. All College activities require the prior permission of the Principal. No Society or Association shall be formed in the College and no person shall be invited to address a meeting without the prior permission of the Principal.
- 8. The use of the College Hall, classroom, Audio Visual Room, Mini A.V. Room conference room and McKenzie Auditorium needs the prior permission of the Principal/Vice Principal.
- College property must be used with care and caution. Banners must be hung at predetermined places. Posters
  and decorative articles are not allowed to be pasted on the walls of classrooms, corridors including the A V
  Room and College Hall.
- 10. Students must take responsibility for all their belongings. College does not take any responsibility in this regard. All unclaimed books, bags, etc. must be deposited at the College Office.
- 11. Application for any certificate or any attestation must be routed through the Office.
- 12. Attendance for all lectures and practicals is compulsory. Absence from lectures and practicals must be justified in writing, if illness is the cause, a medical certificate must be submitted within 7 days. (As minimum attendance of 75% for lectures as well as practicals is required under University Guidelines).
- 13. All the courses in the Degree College are full time. The attendance requirement will not be waived on grounds that a student is employed.

| 102 | PROSPECTUS FOR WILSON COLLEGE | 103

- 14. No student shall collect any money or contribution for picnics, trips, educational visits, charity, or any other activity without the prior sanction of the Principal.
- 15. No student shall communicate any information to or write about matters dealing with the College administration to the press.
- 16. If for any reason, the continuance of a student in the College is, in the opinion of the Principal, detrimental to the best interests of the College, the Principal may ask such a student to leave the College without giving a reason for his decision which shall be final and binding.
- 17. Students shall not do anything, either within or outside the College campus that will in any way interfere with its orderly administration and discipline.
- 18. Students joining the College are supposed to accept and observe all the rules and regulations of the College and to submit to the normal enforcement of the same, to the satisfaction of the Principal whose decision in this regard shall be final.

In all matters of discipline, the decision of the Principal will be final and binding

104

The College has a secure environment with CCTV cameras installed at all strategic places and aims to provide the students with an atmosphere conducive to learning.

# **JOHN WILSON EDUCATION SOCIETY'S**

# **WILSON COLLEGE (Autonomous)**

### SENIOR COLLEGE FEES STRUCTURE FOR ASSIGNMENT 2025-2026

Sr. No.	Particular	Fees Amount
1	FYBA	8460
2	SYBA	7840
3	TYBA	8090
4	FYBSc	9831
5	SYBSc	9211
6	TYBSc	9461
7	MSc I Chem/Zoology	18369
8	MSc I Micro	52017
9	MSc II Chem/Zoology	20316
10	MSc II Micro	53342
11	PHD Sc	32113
12	PHd Arts	25746
13	MSc Research	33920
14	FYBMS	50788
15	SYBMS	38468
16	TYBMS	28818
17	FYBAMMC	39838
18	SYBAMMC	36168
19	TYBAMMC	36168
20	FYBAF	32652
21	SYBAF	27782

Sr. No.	Particular	Fees Amount
22	TYBAF	27632
23	FYBSC-IT	38387
24	SYBSC-IT	33917
25	TYBSC-IT	36277
26	MSc IT Part I	50876
27	MSc IT Part II	49701
28	FYBCOM	13160
29	SYBCOM	12540
30	TYBCOM	12790
31	MCOM-Part II	19572
32	MCOM-Part II	19202
33	TYBA-PSY	31003
34	FYBFM	28437
35	SYBFM	27817
36	TYBFM	27617
37	MA English Part-I	35717
38	MA English Part - II	32542
39	MA Psy Part-I	55075
40	MA Psy Part-II	54300
41	FYBV0C	51636
42	SYBV0C	51236
43	TYBVOC	29486



# **ANTI-RAGGING COMMITTEE 2025-26**

Under the obligation of "UGC regulation on curbing the menace of ragging in Higher Educational Institutions 2009" and its clauses 6.3a & c. Wilson College has constituted the Anti-Ragging Committee and Anti-Ragging Squad for the Academic year 2025-26.

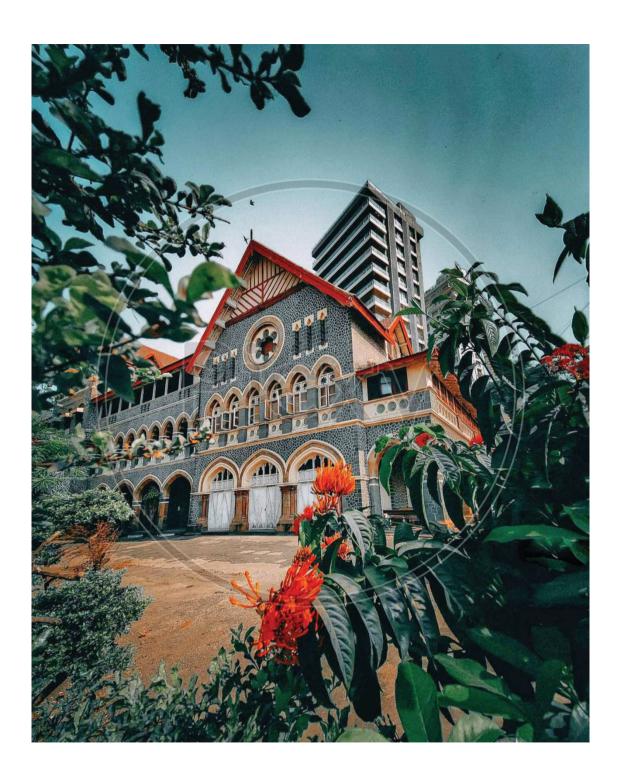
Sr. No	Name	Committee Members	Mobile Number
1	Dr. Abhishek Chris	Nodal Officer	8652194555
2	Dr. Ashish Uzgare	Warden, Mackichan Boys Hostel	9969363846
3	Mrs. Kshama Jayaraj	Warden, Pandita Ramabai Girls Hostel	9819064046
4	Dr. Jai Knox	Dean of Students	9920081094
5	Mrs. Rita Chettiar	Dean of women student	9819635639
6	Mrs. Smita Masih	Vice Principal, Junior College	9969113461
7	Mr. Pradeep Abhyankar	Registrar	8169322404
8	Dr. Ananya Bar	Member	9167170581
9	Dr. Abhijit Kadam	Member	8928678533

Wilson College Anti-Ragging Helpline Number:- 022-23663001 National Anti-Ragging Helpline number:- 1800-180-5522 (24X7 Toll free no.)

# **ANTI-RAGGING SQUAD 2025-26**

Sr. No	Name	Committee Members
1	Dr. Ajita Kumar	Convenor
2	Mr. Shekhar Deodhar	Member
3	Dr. Sanjay Mhaske	Member
4	Dr. Ashish Uzgare	Member
5	Dr. Briji Jacob Chathely	Member
6	Mrs. K Jayaraj	Member
7	Mr. P. Abhyankar	Member

| 106 | PROSPECTUS FOR WILSON COLLEGE | 107 |





# Wilson College

Chowpatty Sea Face Road, Mumbai 400 007

Tel.: -022-2366300/3013/3036/3010/3002

E-mail: info@wilsoncollege.edu Visit us at www.wilsoncollege.edu

Minority Management

Regt. Trust and Society Reg. No. F-1146 (Bom) No. Bom 92/1963 GBBSD