VIDYA PRASARAK MANDAL

B. N. BANDODKAR COLLEGE OF SCIENCE (AUTONOMOUS), THANE

Structure of B.Sc. for all Aided Programmes

Major & Vocational Skill / Skill Enhancement Courses	Botany/ Chemistry/ Mathematics/ Physics/ Statistics/ Zoology
Minor Courses	Botany/ Chemistry/ Mathematics/ Physics/ Statistics/ Zoology
Generic Elective Courses (GE)	Botany/ Chemistry/ Mathematics/ Physics/ Statistics/ Zoology
Open Elective Courses (OE)	Soft skills and personality development-I Soft skills and personality development-II
Ability Enhancement Course (AEC)	Basic English Learning Scientific English Writing
Indian Knowledge System (IKS)	The Ancient Indian Social Structure. -I The Ancient Indian Social Structure. -II

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Structure of B.Sc. for all Aided Programmes

Major & Skill Enhancement Courses	Botany/ Chemistry/ Mathematics/ Physics/ Statistics/ Zoology
Minor Courses	Botany/ Chemistry/ Mathematics/ Physics/ Statistics/ Zoology
Generic Elective Courses (GE)	Botany/ Chemistry/ Mathematics/ Physics/ Statistics/ Zoology
Field Project/ Apprenticeship	Related to Employability/ Entrepreneurship/ Skill Development
Ability Enhancement Course (AEC)	Awareness for Social Positive Change - I Awareness for Social Positive Change - II
Co-curricular Course (CC)	Community Engagement & Services - Social Science/ Defence Science/ DLLE/ Physical Education/ Cultural Activities/ Yoga for total health/ Cyber Security

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Structure of B.Sc. for Aided Programmes

Major Course	Botany/ Chemistry/ Mathematics/ Physics/ Statistics/ Zoology
Minor-Course (For Sem 5 Only)	Chemistry/ Mathematics/ Physics/ Statistics/ Zoology
VSC/SEC and Discipline Specific Elective	Related to Major Subject
Field Project/ On-Job-Training	Related to Employability/ Entrepreneurship/ Skill Development
Indian Knowledge System (IKS) (For Sem 6 Only)	Related to Major Subject
Value Education Course (For Sem 6 Only)	Life Skills for Self Management and Personal Growth

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Structure of B.Sc. for Un-Aided Programmes

Major & Vocational-Skill / Skill Enhancement Courses	Biochemistry/ Microbiology
Minor Courses	Chemistry
Generic Elective Courses (GE)	Microbiology/ Zoology
Open Elective Courses (OE)	Soft skills and personality development-I & II
Ability Enhancement Course (AEC)	Basic English Learning & Scientific English Writing
Indian Knowledge System (IKS)	Principles of Yoga for Body and Mind Management Ayurveda for Healthy Lifestyle
Co-curricular Course (CC) For Sem 2 Only	Community Engagement & Services - Social Science/ Defence Science/ DLLE/ Physical Education/ Cultural Activities/ Dept Activities/ Yoga for Total Health/ Cyber Security
Field Project/ Appenticeship	Related to Employability/ Entrepreneurship/ Skill Development

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Structure of B.Sc. for Un-Aided Programmes

Major & Vocational- Skill / Skill Enhancement Courses	Biochemistry/ Microbiology
Minor Courses	Chemistry
Generic Elective Courses (GE)	Microbiology/ Zoology
Field Project/ Apprenticeship	Related to Employability/ Entrepreneurship/ Skill Development
Ability Enhancement Course (AEC)	Research Methodology & Professional Communication / Physiology-Tissue Culture & Biostatistics-Bioinformatics
Co-curricular Course (CC)	Community Engagement & Services - Social Science/ Defence Science/ DLLE/ Physical Education/ Cultural Activities/ Dept Activities/ Yoga for Total Health/ Cyber Security

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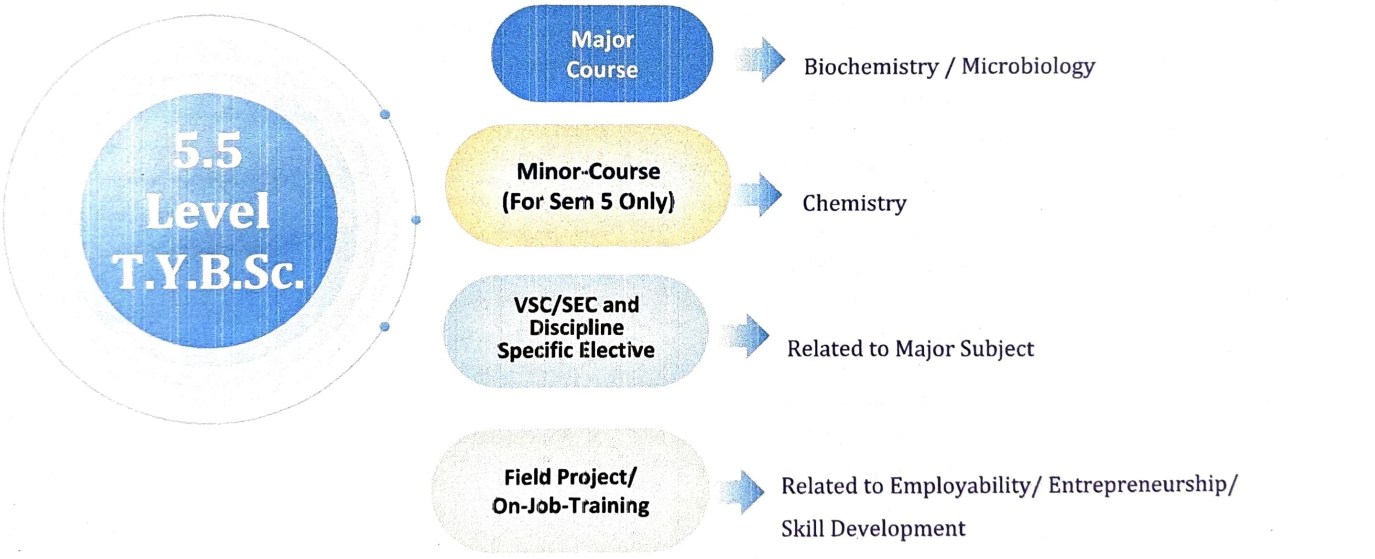
Structure of B.Sc. for Un-Aided Programmes



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Structure of F.Y.B.Sc. for Stand-Alone Un-Aided Programmes

1 Biotechnology

- Major Courses-I II
- Minor Courses-I II
- Generic Elective (GE)-I II
- Ability Enhancement Course (AEC)-I II
- Indian Knowledge System (IKS)-I II
- Value Education course (VEC) -I
- Field Project (FP)- II
- OR
- Cocurricular
- Course (CC) - II

2 Computer Science

- Major Courses- I II
- Minor Courses-I II
- Generic Elective (GE)-I II
- Open Elective Course (OE)-I
- Vocational Skill Enhancement Course (VSC)-I
- Ability Enhancement Course (AEC)-I II
- Indian Knowledge System (IKS)-I II
- Field Project (FP) - II

3 Information Technology (IT)

- Major Courses - I II
- Minor Courses- I II
- Generic Elective (GE)-I II
- Open Elective Course (OE)-I II
- Vocational Skill Enhancement Course (VSC)-I
- Ability Enhancement Course (AEC)- I II
- Indian Knowledge System (IKS)-I II
- Field Project (FP)- II

4 Human Science

- Major Courses-I II
- Minor Courses-I II
- Generic Elective (GE)-I II
- Open Elective Course (OE)-I II
- Vocational Skill Enhancement Course (VSC)- I II
- Ability Enhancement Course (AEC)- I II
- Indian Knowledge System (IKS) - I II

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Structure of S.Y.B.Sc. for Stand-Alone Un-Aided Programmes

1 Biotechnology

- Major Courses
- Minor Courses
- Generic Elective (GE)
- Skill Enhancement Course (SEC)
- Ability Enhancement Course (AEC)
- Field Project (FP)

OR

- Co-curricular Courses (CC)
- Value education course (VEC)

2 Computer Science

- Major Courses
- Minor Courses
- Generic Elective (GE)
- Ability Enhancement Course (AEC)
- Vocational Skill Enhancement Course (VSC)
- Skill Enhancement Course (SEC)
- Co-curricular Courses (CC)
- Field Project (FP)

3 Information Technology (IT)

- Major Courses
- Minor Courses
- Generic Elective (GE)
- Ability Enhancement Course (AEC)
- Vocational Skill Enhancement Course (VSC)
- Skill Enhancement Course (SEC)
- Co-curricular Courses (CC)
- Field Project (FP)

4 Human Science

- Major Courses
- Minor Courses
- Generic Elective (GE)
- Vocational Skill Enhancement Course (VSC)
- Ability Enhancement Course (AEC)
- Field Project (FP)
- Co-curricular Courses (CC)

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Structure of T.Y.B.Sc. for Stand-Alone Un-Aided Programmes

1 Biotechnology

- Major Courses
- Minor Courses
- Discipline Specific Elective (DSE)
- Vocational Skill Enhancement Course (VSC)
- Field Project (FP)
  OR
- On-Job-Training (OJT)

2 Computer Science

- Major Courses
- Minor Courses
- Discipline Specific Elective (DSE)
- Vocational Skill Enhancement Course (VSC)
- Field Project (FP)
  OR
- On-Job-Training (OJT)
- Indian Knowledge System (IKS)

3 Information Technology (IT)

- Major Courses
- Minor Courses
- Discipline Specific Elective (DSE)
- Vocational Skill Enhancement Course (VSC)
- Field Project (FP)
  OR
- On-Job-Training (OJT)
- Indian Knowledge System (IKS)

4 Human Science

- Major Courses
- Minor Courses
- Discipline Specific Elective (DSE)
- Vocational Skill Enhancement Course (VSC)
- Field Project (FP)
  OR
- On-Job-Training (OJT)

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B. N. BANDODKAR COLLEGE OF SCIENCE (AUTONOMOUS), THANE

Structure of M.Sc. (Diploma) for all Programmes

Departments	Biodiversity Wildlife Conservation and Management/ Environmental Science/Chemistry/ Physics/ Clinical Psychology/Information Technology/Data Science
Mandatory Courses	Courses related to core subject
Elective Courses	Allied to core subject
Research Methodology (RM)	Only for Semester I
Field Project (FP)/ On- Job Training (OJT)	Only for Semester II Related to Employability/ Entrepreneurship/ Skill Development

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B. N. BANDODKAR COLLEGE OF SCIENCE (AUTONOMOUS), THANE

Structure of M.Sc. (Degree) for all Programmes

Departments	Biodiversity Wildlife Conservation and Management/ Environmenta Science/Chemistry/ Physics/ Clinical Psychology/Information Technology/Data Science
Mandatory Courses	Courses related to core subject
Elective Courses	Allied to the core subject
Research Project (RP)	For Semester III and IV

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