

Madha Taluka Shikshan Prasarak Mandal's
**K. N. Bhise Arts, Commerce and Vinayakrao Patil
Science College, Vidyanagar, Bhosare**

Paranda Road, Kurduwadi, Tal – Madha, Dist – Solapur, Pin – 413 208 (Mh)

Department of Botany

Departmental Profile

2015 - 2021

Faculty : SCIENCE

Name of the Department : BOTANY

Programmes / Courses offered : B. Sc I (Botany) and B. Sc II (Botany)

Vision :

- Students should have a thorough Knowledge and Comprehension of the core concepts in the discipline of Plant Biology
- To Aware the students about Environment related issues
- A fundamental skills should be developed in field of Botany

Mission :

- Students should be able to assess the elements of a problem and develop and test a solution based on logic and best possible information.
- To make the students good human being and citizen of the world

Objectives:

- Students should become competent observers and experimentalists with good Field and Laboratory skills.
- Students should be competent problem solvers
- To Make Students competent enough to face any situation in their future.

Programme wise Examination System :

Sr. No	Course	system
1	B. Sc I	CBCS
2	B. Sc II	CBCS
3	Add on / Short term Courses	1. Certificate Course in Nursery 2. Certificate Course in Gardening and Floriculture

Faculty Profile :

Name	Qualification	Designation	Specialization	Exp. in Years
Mr. Goyal A. M.	M.Sc, NET	Assistant Professor	Plant Physiology	10
Mr. Baske B. B.	M.Sc, B.ed	Assistant Professor	Integrated Pest Management	10

Number of faculty with ongoing projects from funding agencies & grants received : NIL

Publications:

Name of Faculty	Number of papers Presented and published in Seminars /Conferences / peer reviewed journals
Mr. Goyal A. M.	National- 05 other- 02
Mr. Baske B. B.	Others - 1

Faculty working as member on various committees / Boards :

Mr. Goyal A. M.	1. Chairman of Botanical Garden Committee 2. NSS Committee 3. Chairman of Green Audit Committee
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Student profile programme/course wise:

Year	Course	Total appeared	Total Passed	Passing %
2015-16	F.Y.B.Sc	76	65	85.52
	S.Y.B.Sc	37	35	94.59
2016-17	F.Y.B.Sc	95	64	67.36
	S.Y.B.Sc	42	34	80.95
2017-18	F.Y.B.Sc	78	65	83.33
	S.Y.B.Sc	40	38	95.00
2018-19	F.Y.B.Sc	105	79	75.23
	S.Y.B.Sc	19	18	94.73
2019-20	F.Y.B.Sc	102	74	72.56
	S.Y.B.Sc	44	44	100

Details of Infrastructural facilities : Well equipped Labouratory

Details of student enrichment programmes :

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| • A Certificate Course in Nursery | : | 03 Batches |
| • A Certificate Course in Gardening and Floriculture | : | 02 Batches |
| • A Certificate Course in Plant Tissue Culture | : | 01 Batch |
| • Remedial Coaching | : | 03 Batches |
| • Bridge Course | : | 04 Batches |
| • Group Discussions | : | 02 |
| • Study Tours | : | 05 Batches |
| • Mentor Mentee (Students' Adoption regular practice) | | |

Teaching methods adopted to improve student learning:

- Lecture Method
- Group Discussion
- ICT based Teaching
- Seminar Method
- Experiment and Demonstration Method
- Whatsapp groups
- Google Classroom
- Question & Answer Method

SWOC analysis of the department and Future plans :

Strengths
1) Well qualified, dedicated faculty 2) A well developed Botanical Garden 3) Department runs certificate course which provide entrepreneur opportunity
Weakness
1) Government Policies and Regulations 2) Less knowledge and poor attitude towards basic sciences
Opportunities
1) To start a TYBSc in botany 2) To attract more and more students to make career in Botany
Challenges
1) Government does not allot grant 2) Non availability of qualified staff

Future Plan of the department

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| <ol style="list-style-type: none">1) To Start TYBSc in Botany2) To maintain and increase the results of the department3) To conduct extension activity related to environment in the society |
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