Department of Botany

HIGHLIGHTS:

- Five major and one minor research projects completed.
- UGC sponsored Career Oriented Certificate Course started for UG students for five consecutive years (2012-2017).
- Creating awareness about conservation of forests as a natural bio-resources and environment among students at large through nature club activities.
- Botanical study tours for field work and exposure of students to nature, forests and marine flora.
- Continuous Training of environmental monitoring to researchers.
- Management of waste material (kitchen garden) in the campus by Vermi-composting method.
- Training to students about mushroom cultivation.
- Development of nursery in botanical garden to train the students.

ABOUT US:

- Established in July 1978.
- Conservation and preservation of some rare, endangered and threatened medicinal plants.
- Study tours and projects as a part of curriculum.

OBJECTIVES:

- To develop scientific awareness about the environmental conservation.
- To create critical ability and convert it into research attitude.
- To promote innovative ideas in plant science development.
- To induce practical approach through research projects and research culture.
- To develop expertise in the subjects.

DEPARTMENTAL PROFILE:

- No. of Students Awarded Ph.D. - 05
- No. of Students working for Ph. D. - 07
- No. of Research Projects Completed - Major : 05, Minor: 01
- Conferences/Seminars Organized - National –06
No. of Project Fellows – 04

THRUSt AREAs

- Phycology
- Mycology and Plant Pathology
- Plant Physiology
- Medicinal Plants
- Stress Physiology
- Aerobiology

ACHIEVEMENTS OF THE DEPARTMENT

- Department has received Rs. 69,11,200/- amount during 1995-2017 from UGC, MOEF and NMPB agencies.
- Botanical Garden of the department is recognized.

LINKAGES

- Bharati Vidyapeeth, College of Ayurveda, Pune
- Savitribai Phule Pune University, Pune
- Agarkar Research Institute, Pune
- Chest Research Foundation Centre, Pune
- Interactive Research School for Health Affairs (IRSHA), Pune

FACULTY PROFILE

- Teaching experience – 30 years,
  Research experience- 28 years
- Four Major & One Minor Research Projects completed.
- Former Chairman, Board of Studies in Life Sciences
- Former Dean, Faculty of Science
- Former Member Board of Examination
- Life member Indian Aerobiological Society
- Presented research paper in International Conference in South Korea

Dr. S. R. Patil
M. Sc.,M.Phil., Ph. D.
Associate Professor & Head
- Teaching experience – 26 years
- Research experience- 24 years
- Former Chairman, Board of Studies in Life Sciences
- Recognized Research Guide in Botany
- Former member BoS in Botany, Solapur University, Solapur
- Rector of the Boys and girls Hostels
- Assistant Programme Officer, NSS
- Member – Academic Council of Bharati Vidyapeeth University

PUBLICATIONS OF FACULTY

<table>
<thead>
<tr>
<th>Sr. No</th>
<th>Name of the Author</th>
<th>Title of the article</th>
<th>Name of the Journal</th>
<th>Volume (Year) Page</th>
<th>Level</th>
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<tbody>
<tr>
<td>1.</td>
<td>Dr. S. G. Pawar</td>
<td>Preliminary survey of other aerobiocomponents at Pune Maharashtra, India</td>
<td>International Journal of Life sciences</td>
<td>78-80, 29-30 2013.</td>
<td>International</td>
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<td>No.</td>
<td>Authors</td>
<td>Title</td>
<td>Journal/Proceedings</td>
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<td>7.</td>
<td>Dr. S. G. Pawar</td>
<td>Biochemical Analysis of Primary metabolites from some selected Medicinal Plants</td>
<td><em>Proceeding of Seminar</em></td>
<td>65 – 70, 2015.</td>
<td>National</td>
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<td>15.</td>
<td>Dr. S. G. Pawar</td>
<td>Quantitative Evaluation of Plant Diversity from Newly reported Sacred Groves (Devrais) in Pune District (Maharashtra),</td>
<td><em>Asian Journal of Multidisciplinary Studies</em></td>
<td>4(10), 58-66, 2016</td>
<td>International</td>
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<td>No.</td>
<td>Name of the Event</td>
<td>Funding Agency</td>
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<tr>
<td>1.</td>
<td>Impact of Airborne Microbes on 07th – 09th March 1996</td>
<td>UGC, New Delhi</td>
<td>1,25,000/-</td>
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<td>2.</td>
<td>Current Trends in Allergy and Applied Aerobiology on 28th – 30th November 2002</td>
<td>UGC, New Delhi</td>
<td>1,75,000/-</td>
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<td>3.</td>
<td>Sustainable Utilization of Natural Bio-resources on 13th January 2011</td>
<td>UGC, New Delhi</td>
<td>64,836 /-</td>
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<td>5.</td>
<td>National seminar on Recent Trends in Life Sciences on 22-23 December 2012</td>
<td>UGC, New Delhi</td>
<td>1,39,357 /-</td>
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INFRASTRUCTURE

Present details of departmental infrastructural facilities with regard to Departmental Library.

Total Books Number : 190

Internet facilities for staff and students

        Total no. of nodes : 05

All staff members of the Department avail the internet facility.

Total number of class rooms : 03
  d) Class rooms with ICT facility : 01
  e) Students’ laboratories : 02
  f) Research laboratories : 01

CONTACT

Head,
Department of Botany
Yashwantrao Mohite College of Arts, Science and Commerce,
Bharati Vidyapeeth Deemed University, Pune 411 038
Email ID: bvduymcbot@gmail.com

PHOTO GALLARY
National Seminar organized (2012 & 2015)

Inaugural of Seminar at the hands of Hon’ble Prof. S.N. Pathan, Vice Chancellor, STM, Nagpur University, Prof. Rajendra Jagdale, Director, STP, SPP University, Prof. S.T.Tilak and Prin. Dr. K.D.Jadhav.

Inaugural of Seminar at the hands of Hon’ble Prof. Rajasaab, Vice Chancellor, Tumkur University Tumkur (Karnataka) Prin. Dr. M.S.Sagare, Prof. B.B.Chaugule, Dr. S.Y.Kamble and Prof. S.T.Tilak.

Inaugural of National Conference at the hands of Hon’ble Dr. Patangrao Kadam, Founder, Bharati Vidyapeeth.
Dr. Rajendra Shende, Nobel Laureate & team (21st February 2015).

Padma Shri and Padma Bhushan Hon’ble Dr. Vijay Bhatkar, (29th January 2016).

Study Tour at Kokan Krushi Vidyapeeth, Dapoli