

Dr. Anil Kamalakar Patil

Principal ,
J.S.M. College, Alibag
Dist. Raigad , 402201
Maharashtra , India.



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Maharashtra, INDIA	

Date of Birth and Age : **8th July 1963. - 59 years 11 months**

Place of Birth : At- Kachali, Tal- Alibag, Dist.- Raigad, Maharashtra

Mother tongue : Marathi

Languages which can speak, read and write : Marathi, Hindi and English

Marital Status : Married .

Profile :

1. Mission Achievements and Profile:

Dedicated teacher in the Science faculty having 38 years of teaching and administrative experience. Appreciated and recognized for his teaching and research experience in the subject Botany and Environmental Sciences. Well known for his administrative capacities in colleges and University level. Working as a Principal for last 16 years in the colleges affiliated to the University of Mumbai. A wide experience to work in the establishment of the University of Mumbai in the capacity of Director, Board of Colleges and University Development , Director, Academics and Planning , Director Students Welfare, Programme Coordinator N.S.S., in-charge Director of Department of Lifelong learning and Extension and Foreign students’ Advisor of the University. Effective communicator, writer, administrator and student advisor/counselor.

Recognized Ph.D. guide in the subjects Botany and Environmental Sciences. A personality with social affinity and worked in number of social welfare activities through National Service Scheme. Services are recognized by the Government and he has been awarded as **Best NSS Programme Officer** and **Best NSS Programme Coordinator** at State Level and then received the **Best NSS Programme Officer Indira Gandhi National Award** from Government of India. Extended his services as an expert and consultant to various government agencies as Maharashtra Pollution Control Board, Maharashtra Nature Park (MMRDA), Department of Forest and Environment, Government of India. Worked as Vice-Chancellor's nominee on the various committees of the University as Local Enquiry Committee, Selection Committee for the appointment of Teachers and Principals and Expert Committee for the Career Advancement Schemes. Worked on the various committees and Boards of the University including Senate, Women Development Cell and Sexual Harassment Complaints Committee, Advisory boards of Extra Mural studies, Student welfare, NSS etc., Attended many State, National and International level conferences, seminars and summits representing University of Mumbai, Maharashtra State and India. Shouldered the responsibility as the Director, Academics and Planning, University of Mumbai and handled the portfolios like RUSA, UGC, perspective plans of the colleges and University, approvals to new colleges/ courses, appointment and approval of teachers, research and recognition and affiliation.

2. IMMEDIATE PAST ASSIGNMENTS

- Working as **Principal** at 'Janata Shikshan Mandals', Arts, Science and Commerce College, Alibag - Raigad, 402201; affiliated to the University of Mumbai.
- Worked as **Director, Academics and Planning, University of Mumbai**, Maharashtra State (INDIA).(On deputation)
- **Director, Board of Colleges and University Development (BCUD), University of Mumbai**, Maharashtra State (INDIA).(On deputation)
- **Principal**, Konkan Education Society's Anandibai Pradhan Science College, At- Nagothane, Tal - Roha, Dist. – Raigad, Maharashtra; affiliated to the University of Mumbai.

3. PROFESIONAL EXPERIENCE

03.01 Undergraduate Level:

Institution	Post	Duration	Total Period (In Years and Months)
J. S. M. College, Alibag-Raigad, 402201 (Affiliated to the University of Mumbai)	Lecturer in Botany	20 th August 1985 to 31 st July 2001	15 Years and 11 Months
J. S. M. College, Alibag-Raigad, 402201 (Affiliated to the University of Mumbai)	Associate Professor in Botany	25 th November 2006 to 5 th December 2006	10 Days
K.E.S. Anandibai Pradhan Science College, Nagothane, Dist. -Raigad. (Affiliated to the University of Mumbai)	Principal and Professor in Botany	6 th December 2006 to 31 st December 2012	06 Years and 25 Days
J. S. M. College, Alibag-Raigad, 402201 (Affiliated to the University of Mumbai)	Principal and Professor in Botany	1 st January 2013 To 31 st Dec. 2017	05 Years
J. S. M. College, Alibag-Raigad, 402201 (Affiliated to the University of Mumbai)	Principal and Professor in Botany	1 st January 2018 To Till date	04 Years 06 months

03.02: Post Graduate level

University	Post	Duration	Total Period (In years and Months)
University of Mumbai	Post-Graduate Teacher In Botany	June 1996 March 1999	02 Years and 09 Months
S.N.D.T., University Mumbai	Post-Graduate Teacher (Visiting Faculty) In Ecology and Environmental Sciences	October 1999 April 2000	06 Months One Semester
Institute of Science, Mumbai. (State Government Institute affiliated to the University of Mumbai)	Post-Graduate Teacher in Environmental Science (Visiting Faculty)	June 1998 March 1999	01 Year
J. S. M. College, Alibag – Raigad	Teacher in Botany Post Graduate	2022-23	01 Year
Total Experience			05 Years and 03 Months

03.03: Other Academic Contributions:**Experience in Examination and Evaluation (Annexure - A)**

No.	Contributions	University
1	Member of Committee of paper setters, examiners and moderators at University examinations	University of Mumbai, S.N.DT. University
2	Member of syllabus committee	University of Mumbai, S.N.DT. University

4. ADMINISTRATIVE EXPERIENCE IN THE FIELD OF HIGHER EDUCATION

Position Held	Institution (College/ University Department)	University	Nature of Appointment	Period of Appointment
Principal	J.S.M. College, Alibag, Dist.- Raigad, 402201	University of Mumbai	Permanent (Second Tenure of 5 years)	1 st January 2013 to Till date (09 Years 10 months)
Director, Academics and Planning	University of Mumbai, Fort Campus, Mumbai 400032.	Mumbai University	On Deputation	1 st March 2017 to 15 th Oct. 2017 (07 Months 14 days)
Director, Board of Colleges and University Development (BCUD)	University of Mumbai, Fort Campus, Mumbai 400032.	Mumbai University	On Deputation	2 nd Nov.2015 to 28 th Feb. 2017 (01 Year 03 months 26 Days)
Director	Department of Students' Welfare, Vidyapeeth Vidyarthi Bhavan, B- Road, Churchgate, Mumbai 400020	University of Mumbai	On Deputation	1 st August 2001 to 24 th November 2006 5 Years and 03 Months
N.S.S Programme Co-coordinator	National Service Scheme (N.S.S.) Cell, Vidyapeeth Vidyarthi Bhavan, B- Road, Churchgate, Mumbai 400020	University of Mumbai	Additional Charge	September 2000 to December 2005 05 Years and 03 Months

In-charge Director	Department of Adult & Continuing Education and Extension; Vidyapeeth Vidyarthi Bhavan, B- Road, Churchgate, Mumbai 400020	University of Mumbai	Additional Charge	June 2005 to August 2006 01 Year and 02 Months
Principal	Konkan Education Society's', Anandibai Pradhan Science College, Nagothane, Tal- Roha, Dist.- Raigad Pin -402106, Maharashtra, India	University of Mumbai	Permanent	6 th December 2006 to 31 st December 2012 06 Year and 25 days

5. DEMONSTRABLE EXPERIENCE OF HANDLING QUALITY ISSUES, ASSESMENT AND ACCREDITATION PROCEDURES, etc.

No.	University / College	Role / Designation	Remark
a.	University of Mumbai N.S.S. Cell	N.S.S. Programme Coordinator. Presentation to Peer team on NSS activities of the University .	University has awarded with 5 stars grade (2001)
b.	Konkan Education Society's', Anandibai Pradhan Science College, Nagothane , Tal- Roha, Dist.- Raigad Pin - 402106, Maharashtra, India	Principal Preparation of the college for reaccréditation and presentation to the Peer team	Played a crucial role in upgrading the grade of the College from C grade to B grade in re-accréditation . (2007)
c.	University of Mumbai	Convener, Internal Quality Assurance Cell of the	Preparations for the next re-accréditation of the University. (2015-16)

		University	
d.	J.S.M.College, Alibag- Raigad, 402201. Maharashtra, India .	Principal	<p>Preparations of the Proposal for the Academic Audit of the College, which is completed successfully further. (2016-17)</p> <p>Preparation in the college for the third cycle of re - accreditation of the college according to new accreditation process of NAAC.</p> <p>Ours is the first college completed the re-accreditation according to the new evaluation scheme .</p> <p>Peer team visited the college in January 2018.</p>
e.	University of Mumbai	Director , Board of Colleges and University Development	Visited around 25 colleges and meeting with NAAC peer team as the representative of University

6. Contributions as Director, Board of Colleges and University Development – From 2nd November, 2015 to 16 Oct. 2017.

Shouldered the various Administrative and Academic responsibilities and completing the various assignments in the absence of Pro Vice-Chancellor under the instructions of Hon'ble Vice-Chancellor. Worked as Member/Member Secretary and Ex-officio Chairperson of the various committees of the University.

I. Nomination on Government Committees:

Appointed as Chairman of the Observer Committee for Indradhanushya- 2017 by Under Secretary to Governor (Edu.) Rajbhavan, Governor of Maharashtra, organised by Vasant Rao Naik Marathwada Krishi Vidyapeeth, Parbhani from 5Nov. 2017 to 9 Nov. 2017.

- A. Appointed as Convener by Under Secretary to Governor (Edu.) Rajbhavan, Government of Maharashtra for Sub Committee to oversee and study the organization of Avishkar-2016 at Swami Ramanand Teerth Marathwada, Nanded on 27th to 29th January, 2017.
- B. Appointed as a Convener of the Committee by Director, Higher Education Government of Maharashtra to Inspect and verify the infrastructure of the college in Solapur District under the scheme 100 percent to be grant given to the colleges in Taluka.
- C. Appointment as a member of the sub-committee by Director, Higher Education Government of Maharashtra to draft the statues related to the students according to the new Maharashtra Public Universities Act - 2016
- D. Appointment as a member of the committee by Director, Higher Education Government of Maharashtra to Evaluate and verify the draft of the common statues according to the new Maharashtra Public Universities Act - 2016

II. Nomination on University Committees

- A. Chairperson of Research and Recognition Committees (RRC) of all the subjects.
- B. Chairperson of Board of University Teachers Recognition (BUTR).
- C. Chairperson of the University Grievance Cell
- D. Chairman of Research Project Grants to Teachers to University and Colleges
- E. Member Secretary of Board of Colleges and University Development (BCUD)
- F. Ex-Officio member of Women Development Cell of the University
- G. Permanent Invited Member of the Finance and Accounts Committee, University of Mumbai.
- H. Convener of the Budget Committee for the year 2016-17 and 2017-18
- I. Co-ordinator of Takwale Committee for Framing Guidelines to define Policies and framework for operationalization of "On-Line and On Platform Education" form by Hon'ble Vice-Chancellor.
- J. Worked as a member of the various committees under the Department of Students Welfare
 - Advisory Committee of Avishkar Research Convention

- Advisory Committee for Youth Festival
- Chairman of V. C. Fund Committee
- Member on the committee to give the assistance to the economically backward students
- K. Nominated as a member of committee formed by Hon'ble Vice-Chancellor to evaluate Commercial Bid for On Screen Marking (OSM).
- L. Convener of the Internal Quality Assurance Cell
- M. Work as In-Charge of RUSA Cell, University of Mumbai
 - Attended all the meeting and orientations organized by RUSA Directorate Government of Maharashtra
 - Submitted proposal for the first Phase of development grants
 - Submitted and presented the proposal for the Second Phase of the Development grants.
 - Conducted State level workshop on IPR in the University
 - Conducted State level workshop on Autonomy in the University
- N. Worked as Local Organizing Secretary of the committee for the organization of National Level Seminar on "India's Maritime History and Heritage" held at
- O. Kalina Campus on 27th and 28th February, 2017, organized by Bhosala Military College, Nashik.
- P. Worked as Chairman of the organizing committee for the "8th Indian Youth Science Congress" held at Kalina Campus University of Mumbai on 16th to 18th February, 2017.

III. Nomination on the College Bodies

- A. Nominated as the member of the Governing Council of S.P. Mandal's Prin. L.N. Welingkar Institute of Management Development & Research, Matunga, Mumbai - 400 019.
- B. Nominated as the member of the Governing Council of Thakur College of Management Institute, Kandivali, Mumbai - 400 101.
- C. Nominated as member of Advisory Committee for "International Conference on Sustainable Development in Design and Manufacturing" organized by Sarasvati College of Engineering, Kharghar, Navi Mumbai.
- D. Nominated as Vice-Chancellors nominee as Member of the Academic Council of Jai Hind College (Autonomous college) , Churchgate, Mumbai, 400020.

- E. Nominated as Vice- Chancellors nominee as Member on the Academic Council of Devrukh Shikshan Prasark Mandal's Athaley- Sapre College of Arts, Commerce and Science (Autonomous college) , Deorukh, Dist. Ratnagiri.

IV. Nomination on Selection Committees

- A. Nominated by the Management Council on Selection Committee for making appointment to the Post of Controller of Examinations.
- B. Nominated by Hon'ble Vice-Chancellor as member of the selection committee for the selection of Director, from Management Council.

V. Contributions to Various Sections

- A. Under the Affiliation Section -
- Computerization of Affiliation Process is done
 - Under the instructions of Hon'ble Vice-Chancellor Local Inquiry Committee (LIC) has been suggested to visit the colleges
 - The new college / courses / divisions / proposals has been verified and recommended to the Vice-Chancellor to forward to the Department of Higher Education
- B. Under the Teachers Approval Section
- Computerization of Teachers Approval Process has been initiated
 - Under the instructions of Hon'ble Vice-Chancellor selection committees for the selection of Principals / Teachers and Librarian have been suggested
 - Under the instructions of Hon'ble Vice-Chancellor committees for Career Advancement Scheme (CAS) have been suggested
- C. Under the Academic Planning & Development Section -
- The Colleges and Department has been motivated to go for autonomy
 - The Colleges has been also motivated to do the Academic Audit
 - The colleges has been facilitated to carry out the accreditation by NAAC
 - Visited the colleges at the time of visit of NAAC Peer Team
 - Proposal for research project of the Teachers from College and University have been scrutinized and sanctioned the research grants
- D. Under the Thesis Section
- Draft for the Notification on Ph.D. as per the UGC Regulations has been prepared.
 - Names of referees have been finalized as per the recommendation of RRC

VI. Participation in Seminar / Conferences / Meetings

- A. Participated in International Conference of World Education Leaders - 2016 organized by International Youth Fellowship at Thammasat University, Bangkok Thailand from 28th - 30th January, 2016

- B. Participated in two day training sessions aim for Capacity Building in Higher Education Leadership organized by State Project Directorate RUSA Maharashtra on 8-9 January, 2016
- C. Participated in one day workshop on Intellectual Property Rights (IPR) organized by SPD RUSA, Maharashtra on 2nd October, 2016
- D. Participated in "Global Summit on Quality Higher Education : Sharing Values and Fostering Trust Beyond Borders' on 16-17th September, 2016 at Bengaluru Organized by NAAC Bengaluru
- E. Attended National Conference for awareness on "National Academic Depository" (NAD) on 9th September, 2016 at Vigyan Bhavan, New Delhi organised by the MHRD
- F. Attended a meeting organized by UGC at New Delhi on "New Educational Policy" on 16th November, 2015
- G. Attended a meeting as a representative of University with committee of Parliament on Reforms in Higher Education held at Hotel Trident, Mumbai in 20th January, 2017
- H. Visited King Mongkut's Institute of Technology to attend International Youth Fellowship Conference at Bangkok on 7th and 8th February, 2017.
- I. Visited University and startup centers in Hsinchu County and Taipei City in Taiwan from 9th to 11th April, 2017.
- J. Participated in the panel discussion on "Mumbai Rise – Mumbai Vote organized by State Commission for Election under the Voters awareness campaign on 25th January, 2017 at Convocation Hall, University of Mumbai.
- K. Participated in interview on Sahyadri Channel, Doordarshan on 15th February, 2017 on the subject of "Parikshela Samore Jatana" (i.e. How to face the examinations)
- L. Participated in TV Programme "Mahacharcha" on the Topic "Voters Awareness - Role of Students" on 28th October, 2016

VII. Worked as In-charge Vice-Chancellor in absence of Vice-Chancellor

Dates	Duration
3 rd April, 2016	One day
12 th April, 2016	One day
10 th June, 2016	One day
4 th August, 2016	One day
23 rd August, 2016	One day

10 th to 12 th October, 2016	Three days
9 th to 10 th November, 2016	Two days
6 th to 7 th December, 2016	Two days
15 th December, 2016	One day
17 th December, 2016	One day
18 th to 21 st January, 2017	Four days
25 th to 26 th January, 2017	Two days
22 nd and 23 rd February, 2017	Two days
	22 days

6. CONTRIBUTIONS TO CORPORATE LIFE AND MANAGEMENT, ACADEMIC AND ADMINISTRATIVE COMMITTEES:

06.01: University Level:

Committee	Designation	Period
Advisory Board of National Service Scheme of the University of Mumbai	Member	2010-2012
Board of Extra Mural Studies of the University of Mumbai	Member	2010-2015
Women Development cell and Complaint committee of the University of Mumbai	Member	2010-2015
Advisory Board of the Department of Students' Welfare of the University of Mumbai	Member	2007-2015

06.02: In the period 2000 to 2006 worked on the establishment of the University of Mumbai in various capacities:

Designation / Position held	Department / section	Period
NSS Programme Co-coordinator,	N.S.S. Cell, University of Mumbai	September 2000 to December 2005 05 Years
Director	Department of Students' Welfare, University of Mumbai	August 2001 to November 2006 05 years and 03 Months
In-Charge Director	Department of Adult and	June 2005 to June 2006

	Continuing Education and Extension, University of Mumbai	01 Year
Foreign Students Advisor	University of Mumbai	1 st August 2001 to 24 th November 24 2006 05 Years and 03 Months
Director	Universities Information Bureau, University of Mumbai	1 st August 2001 to 24 th November 2006 05 Years and 03 Months
Ex-officious Member	Sports Committee, University of Mumbai	1 st August 2001 to 24 th November 2006 05 Years and 03 Months
Ex-officio Member	Students Grievance Committee, University of Mumbai	1 st August 2001 to 24 th November 2006 05 Years and 03 Months
Member	Board of Adult & Continuing & Extension Education, University of Mumbai	1 st August 2001 to 24 th November 2006 05 Years and 03 Months
Ex-officio Member	Senate University of Mumbai	1 st August 2001 to 24 th November 2006 05 Years and 03 Months
Member Secretary of various Committees University of Mumbai		1 st August 2001 to 24 th November 2006 05 Years and 03 Months
<ul style="list-style-type: none"> i. Book Bank Scheme for the Backward Class students ii. Financial assistance to the Backward Class students of the Departments iii. Financial assistance to the needy students of the University iv. Committee to form the University Students Council v. Department Student Council vi. Advisory Committee to the Department of Students' Welfare vii. Organizing committee for the Inter-collegiate Cultural Competitions. i.e. YOUTH FESTIVAL viii. Vice-Chancellors Fund committee 		

06.03: Other University Level Committees:

- ◆ Member of the committee to select the teachers for the Foreign Exchange programme.
- ◆ Worked as the member of the Organizing Committee to organize “**Career Unlimited – 2008**” of the University of Mumbai.
- ◆ Worked as the **Member of the Local Inquiry Committee (LIC)** of the University of Mumbai for granting the permanent affiliation to the college.
- ◆ Appointed as the **Vice-Chancellors nominee on the Selection Committee** for making recommendations to the governing body of the college for appointment to the post of Principal and Lecturers at the college.
- ◆ Appointed as the Member and Convener on the Expert committee by the **Vice-Chancellor** for making scrutiny and recommendations to the Government of Maharashtra to give the permission to start the new colleges in the jurisdiction of the University.
- ◆ Co-coordinator – Appointed by Hon’ble Vice-Chancellor for Avishkar Research Festival for Science Faculty for the year 2008-2009
- ◆ Appointed as the **Vice-Chancellor’s nominee as the subject expert in Botany on the Selection Committee** for making recommendations to the governing body of the college for appointment to the post of and professors at the college
- ◆ Convener of the Enquiry Committee appointed by Hon’ble Vice Chancellor University of Mumbai to enquire on the complaint received by Hon’ble Governor of Maharashtra on the Problems of Teachers, Gogate College, Banda, Dist. – Sindhudurg.
- ◆ Appointed as the Vice-Chancellors nominee as subject expert on the selection committee and scrutiny committee for CAS (1-2, 2-3, 3-4, 4-5 stages) at the various colleges.
- ◆ Appointed by the Vice-Chancellor, University of Mumbai as the **Sectional Secretary** of Agriculture and Forestry section at 102nd Indian Science Congress held at University of Mumbai from 3rd to 7th January 2015.
- ◆ Nominated by the Vice-Chancellor University of Mumbai as the Member of the Selection committee to select the various prizes under N.S.S. for the year 2014-2015.
- ◆ Appointed as the member of the Advisory Committee for Avishkar -2014-2015 by the Hon’ble Vice- Chancellor, University of Mumbai.
- ◆ Appointed as the Chairman of the University Tournament and Selection Committee for Hiking and Mountaineering for the year 2013-14 and 2014-2015.
- ◆ Member of the University Women Development Cell and Complaints committee from the year 2011- 2015.

06.04: College Level:

- ♦ **N.S.S Programme Officer** for 14 years at J.S.M. College, Alibag, Raigad.
- ♦ Professor **in-Charge of cultural Activities** for 11 years at J.S.M.College, Alibag, Raigad.
- ♦ **Liaison officer** for the **Information and Guidance Bureau** of the University of Mumbai for 10 years of J.S.M. College , Alibag, Raigad
- ♦ Member of the **Student council** as Teacher nominated by the Principal for the 05 years at J.S.M. College, Alibag, Raigad.
- ♦ **Chairman, Information and Guidance cell** for 07 years at J.S.M. College, Alibag, Raigad.
- ♦ Member of **Examination Committee** for 06 years at the J.S.M. College, Alibag, Raigad
- ♦ Member of the J.S.M. College, Alibag, Raigad – College **Admission Committee** for 07 years.
- ♦ Member of the J.S.M. College, Alibag, Raigad – College **Library Committee** for 07 years.
- ♦ Member of the J.S.M. College, Alibag, Raigad – College **Purchase Committee** for 05 years
- ♦ Worked as Convener of the ‘International Conference on Recent Trends in Science’ held at J.S.M.College, Alibag –Raigad on 8-9 March 2019.
- ♦ Worked as Convener of the ‘National Conference on **‘Indian Languages ,Literature and Culture in the Global Context** ‘on 5 March 2019.

06.05: Other Honorary Positions held:

- ♦ **President** of voluntary organization “**Lokprabodhan**”, Alibag; working in the field of scientific approach. For last 8 years.
- ♦ **Chairman** of K.E.S.**English Medium School committee**, Alibag- 1997-99.
- ♦ **Member** of District committee for **Nehru Yuva Kendra**, Raigad for 8 years.
- ♦ Worked as a **District coordinator** for “**Raigad Zilla Paryavaran Vahini**” a committee headed by District Collector and formed by Central Government working in the field of environmental issues
- ♦ Worked as **Office bearer** of the professors Union (**B.U.C.T.U.** Alibag Unit)
- ♦ Worked as **Joint Secretary** and member of District **Combine Approach to Rural Development (C.A.R.D.)** Committee formed by Government of Maharashtra.
- ♦ Worked as the **Secretary** of “**Raigad Zilla Sendriya Khat Utpadak Co-operative Society Ltd.**” (An organization working in the field of creating awareness and production of vermin compost)
- ♦ Nominated as member of the District Supervision & control committee (*pariviksha samite*) by

Collector of Raigad District under district Women and Child Development Department of Govt. of Maharashtra.

- ◆ Nominated as the member of the District Consumer Protection Forum (*Zilla Grahak Sarankshan Parishad*) as a representative of Non- government organization by the Collector of Raigad.
- ◆ Nominated as the Member of the School Committee of the Alibag Municipality by the President of Alibag Municipality.
- ◆ Appointed as the member of the Organizing committee for the Raigad District *Grnthosav* 2014-15 by the Collector of the Raigad.
- ◆ Nominated as Chairman of the Research Advisory Committee (RAC) for the Ph. D. Students Registered at Ratanagiri Sub-centre, University of Mumbai in the subject Environmental Science.
- ◆ Appointed as Chairman/ member on the various University committees by Hon'ble Vice-Chancellor, University of Mumbai.
- ◆ Chairman of Annual Report (Varshavrutta) Committee for the year 2021-22
- ◆ Chairman of Perspective Plan Committee of the University for the year 2022-23
- ◆ Member of the committee to Reform the Various forms of Opening of new colleges, extension of courses, opening of satellite college etc.
- ◆ Appointed as the Vice-Chancellors Nominee on the Selection committees constituted by the Principals of various colleges

7. **CONTRIBUTIONS IN THE RESEARCH:**

Field of Specialization:

Ecology

- (a) Air Pollution & Plant Productivity
- (b) Ethno botany
- (c) Conservation & Study of Biodiversity
- (d) Environmental impact Assessment

07.01: Experience to Guide Ph.D. students:

- Recognized as the Ph.D. guide of the University of Mumbai in the subjects Environmental Sciences and Botany.
- Five students are registered for Ph.D. in Environmental Science in University of Mumbai.
- Two students are registered for Ph.D. in Botany in University of Mumbai.

07.02: Experience to guide M.Sc. students**M.Sc. Degree in Environmental Science at Institute of Science,**

- University of Mumbai:**

Title of Dissertation: ‘Study of Impact of Encroachment at Sanjay Gandhi National Park, Borivili, Mumbai’

- Sikkim Manipal University:**

M.Sc. Degree in Ecology and Environment **New Delhi Extension Centre** (correspondence course)

Title of Dissertation: “A Study of The Status of Environmental Awareness among School Children’s Ulhasnagar City”:

- Worked as **External Referee** to examine the Ph.D. thesis entitled “Determination of Heavy Metals in Polluted Soils of Creeks and Rivers in Urban and Industrial regions of some Districts in Maharashtra” of Mr. Sandeep G. Zaware from Pacific Academy of Higher Education and Research University, Udaypur, Rajasthan.

07.03: Research Projects: Details of Execution of the Research Projects

Sl.	Title of the project	Project expenditure (Rs. In lakh)	Granting agency	Date of start	Date of completion
01	“Ethno botanical Studies in Western Ghats of Maharashtra with particular reference to Alibag Taluka of Raigad District.	0.21 lakh	A minor research project Of UGC	1999	2001
02	Synthesis of Some Biologically Active Isoxazoline	0.35 lakh	A minor research project - University of Mumbai	2010	2011
03	Phytochemical Analysis of some of the Medicinal plants in Raigad District and to study their antimicrobial activity	0.25 lakh	A minor research project - University of Mumbai	2013	2014

07.04: Papers presented and Publications: (Annexure –B)

Research papers published in journals	08
Contributions to monograph	02
Research papers presented at International / National and State / University level conferences / Seminars	17
Research articles published in Proceedings and Volumes of Conferences / Seminars	03
Research work presented in the Reports	04
Research projects worked on	07
Consultancy and Expertise services extended	07
Popular Science Articles in Magazines and Newspapers	15

8. PARTICIPATION IN SEMINARS, WORKSHOPS AND CONFERENCES:**(Annexure – C)**

Level of participation	No. attended
International level	10
National level	16
State level	11
University level	05
District level and others	05

9. HONORS AND AWARDS RECEIVED:

Honor / Award received	Organization	Year
Invited as a Chairperson of a technical session at XII International Economic Convention; MUMBAI THE MELTING POT (RURAL-URBAN MIGRATION)	Smt. Chandibai Himathmal Mansukhani College, Ulhasanagar, Maharashtra, India	2 nd to 4 th December 2004
Invited as Co-chairman for one of the Technical session at a National Conference on “ Modern Trends in Plant Sciences ”	Dr. Babasaheb Ambedkar Marathwada University	1989

Nadkarni Award	Institute of Science, Mumbai, Mumbai	1985-1986
Felicitated in the N.S.S. Silver Jubilee Function by the hands of Smt. Kumud Bansal, then the Secretary, Ministry of Education; Govt. of Maharashtra, for the Excellent work in the N.S.S	University of Mumbai, Mumbai	1994
Received “Best, N.S.S. PROGRAMME OFFICER” State level Award	Government of Maharashtra	1998-1999
Received “BEST, N.S.S. PROGRAMME OFFICER” Indira Gandhi National Award	Government of Maharashtra	1998-1999
Received “Best, N.S.S. PROGRAMME CO-ORDINATOR (UNIVERSITY OF MUMBAI)” State level Award	Government of Maharashtra	2002-2003
Selected for “ACHIEVEMENT EDUCATION EXCELLENCE AWARD”	National Education And Human Resource Development Organization, New Delhi	2007

Received “National Environmental Awareness Award” for the year 2008	Khadi Village Industries Development Agency of India in association with Indian Institute of Ecology and Environment, New Delhi,	2008
Received “BEST PRINCIPAL AWARD” as “Raigad Sanman -2009”	‘Atharv Samajik Sanstha’ Panvel – Raigad. Maharashtra	2009
Recipient Adv. Datta Patil Gaurav Puraskar for the contributions in the field of Education.	Loknete Adv. Datta Patil SamajikVikasSanstaha, Alibag, Dist. Raigad, Maharashtra	2013
Recipient of KulabaVaibhav Gaurav Puraskar for the year 2014	Weekly KulabaVaibhav, Alibag. Dist, - Raigad, Maharashtra.	2014
Best Principal Award	Regional Secretary, School Education, Higher and Technical Education,(Raigad , Ratnagiri and Sindhudurg Districts) Govt.	2019

	of Maharashtra, Mumbai	
“ Eminent Researcher Award” Confered at Interdisciplinary International Conference held at Hotel Bristol , Dubai.	VajAha Foundation , Nagpur, India	2022

Achievements at the University

- Received Best NSS Programme Coordinator and Best University Award from the Government of Maharashtra.
- Successfully organized State level Interuniversity cultural competitions - Indradhanushya.
- Successfully organized National level Inter university debate competitions - ‘University Talks On AIDS’
- Successfully organized National level Inter university ‘Youth Parliament Competitions’.
- Successfully organized Career Fairs of the University for five years.
- Published a book and a CD on the courses offered by the University.
- **Worked as Convener for the conventions on College and University student elections of Lingdoh Committee.**

10. PROFESSIONAL DEVELOPMENT ACTIVITIES:

10.01: Participation in Orientation Programmes, Refresher courses:

- ♦ **Attended Orientation programme** at the Academic Staff College, University of Mumbai (June 15-July 15, 1993).
- ♦ **Attended Refresher course in Life Sciences (Botany)** at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (July 29-August 24, 1996).
- ♦ **Attended Refresher course in Biosciences (Botany) ‘Biorefer-98’** at Sophia college, Mumbai (March 2-25, 1998)
- ♦ **Attended XXXIV orientation course for N.S.S. Programme Officers** at National Service Scheme Unit, Tata Institute of Social Sciences, Deonar, Mumbai, sponsored by Dept. of Youth Affairs and Sports, Govt. of India.
- ♦ **Attended M.P.F.L. Master Training programme** organized by State Resources Centre for Informal education at Pune, (June 17-18, 1988)
- ♦ **Refresher course on “Watershed development”** organized by the Tata Institute of Social Sciences, at Konkan Krishi Vidyapeeth, Dapoli; District-Ratnagiri (October 1995).

10.02: Faculty Development Programmes:

- ◆ Attended an **Orientation programme for Botany teachers** in T.Y.B.Sc. new syllabus at Ruparel College, Mumbai organized by BOS in Botany, University of Mumbai (July 19- 20, 1998)
- ◆ Attended an **Orientation programme for post graduate teachers** (Botany) in M.Sc. Part-II new syllabus at Birla College, Kalyan organized by BOS in Botany, University of Mumbai (February 6-7, 2000)
- ◆ Attended a two-day seminar on **‘Innovative Teaching Strategies’** held at India Merchants Chamber, Mumbai organized by **N.E.S. National Centre for Research & Development in Education, Science & Technology** (November, 12th-13th 2003)
- ◆ Attended a two days’ workshop for Principals on **“Re- Accreditation and Role of Principals in Administrations”** organized by Association of Non – Government colleges at K.M.C. College Khopoli – Raigad on 24th & 25th Nov. 2007.
- ◆ Worked as the member of the syllabus framing committee for “Considering NSS as an elective Subject” for University of Mumbai.

11. PARTICIPATION IN CO-CURRICULAR AND EXTENSION ACTIVITIES:**11.01: National Service Scheme (N.S.S.)**

- ◆ **N.S.S Programme officer-** for 14 years at J.S.M. College, Alibag
- ◆ **NSS Programme Co-coordinator**, University of Mumbai for **5 years**(September 2000, to December 2005)
- ◆ Felicitated in **the N.S.S. Silver jubilee function (1994)** of University of Mumbai by the hands of Smt. Kumud Bansal, then the Secretary, Ministry of Education; Govt. of Maharashtra, for the **Excellent work in the N.S.S**
- ◆ Received **“Best, N.S.S. PROGRAMME OFFICER”** State level Award from the Govt. of Maharashtra for the year **1998-99**.
- ◆ Received **“BEST, N.S.S.PROGRAMME OFFICER”** Indira Gandhi **National Award** from Govt. of India for the year **1998-99**.
- ◆ Received **“Best, N.S.S. PROGRAMME CO-ORDINATOR (UNIVERSITY OF MUMBAI)”** **State level Award** from the Govt. of Maharashtra for the year **2002-2003**.
- ◆ Worked as **Contingent leader of University of Mumbai** at the **N.S.S.-Pre R.D. Camp** held at Porabander - Gujarat -Nov.1998.
- ◆ Worked as **Contingent leader of Maharashtra** state representing University of Mumbai at **the N.S.S. R.D. Camp** held at New Delhi–Jan.1999.
- ◆ Worked as **Contingent leader of Maharashtra** state representing University of Mumbai at the

International (SAARC countries) Symposium on 'Healthy Life style' held at Hussan, Karnataka state in March 2000.

- ♦ Worked as **Contingent leader of Maharashtra** (all Universities of Maharashtra) for **'World Youth Peace Summit'** held at Bangalore from 7th November to 9th November, 2003
- ♦ **Member of the Training Advisory Committee** for the NSS Training Orientation and Research Centre, **T.I.S.S., Deonar, Mumbai**
- ♦ In August 2001 participated in a Workshop **"University Talks AIDS"** organized by Ministry of Youth Affairs & Sports, Government of India at Goa.
- ♦ Participated in **National Symposium "Youth Empowerment"** organized by Ministry of Youth & Sports Affairs Government of India at Calicut University in September 2001.
- ♦ Selected and participated in **National Seminar on "NATIONAL SERVICE SCHEME NEW STRATEGIES OF IMPLEMENTATIONS"** organized by Ministry of youth Affairs & Sports, Government of India.
- ♦ Worked as **Resource Person** for NSS Programme Officer's orientation & Refresher course at **T.I.S.S. Mumbai**, Delivered **25 lectures** on various topics in **8 years**.
- ♦ **Member of the Advisory Committee** for the **National Service Scheme** at S.N.D.T. Women's University, Mumbai.-Year 2005-2006
- ♦ Member of Organizing Committee for **National Integration Camp** under N.S.S.-1997India at R.G.N.I.Y.D. Campus, Shriperumbudur, Chennai in September 2002.

11.02 Cultural Activities

- ♦ Professor **-in-charge of cultural Activities** for **11 years** at J.S.M. College, Alibag, Raigad.
- ♦ **Director, Department of Students' Welfare**, University of Mumbai for **5 years and 3 months**
- ♦ Worked as **'District Coordinator'** for Inter-collegiate cultural competitions in the year 1994-95 and 1999-2000
- ♦ Member of Organizing Committee for **National Youth Festival organized by Department of Student's Welfare, University of Mumbai in the year 2007**
- ♦ Worked as **Secretary** at the Organizing committee for the **INDRADHANUSHYA** organized by the University of Mumbai in the year Nov. 2006
- ♦ **Member of the Advisory Committee** for the **National Quiz Competitions** organized by S.N.D.T. Women's University, Mumbai on behalf of Association of Indian Universities (A.I.U.) New Delhi -Year 2005-2006

- ◆ Participated in Inter Collegiate Drama Competitions organized by University of Mumbai & open Drama Competitions organized by Government of Maharashtra.
- ◆ Recipient of **‘Best Actor Award’** at open One Act play competition organized by Government of Maharashtra (1983).

11.03: Lifelong Learning Education and Extension Activities LIFE:

- ◆ Member of **Board of Adult & Continuing & Extension Education**, University of Mumbai for **5 years and 3 months (August 1, 2001 to November 24, 2006)**
- ◆ **In-charge Director**, Department of Adult & Continuing Education & Extension (June 2005, to June 2006)

11.04: Sports and Gymkhana:

- ◆ Member of College Chess team at inter collegiate Chess competition organized by University of Mumbai
- ◆ Ex-officious member of **Sports Committee**, University of Mumbai for **05 years and 3 months (August 1, 2001 to November 24, 2006)**
- ◆ Nominated by Hon. Vice Chancellor, University of Mumbai as Chairman on the Tournament and Selection Committee for the University Intercollegiate **Fencing competitions** for the year 2010-11 and 2011-12.
- ◆ Successfully organized the intercollegiate Chess competitions for Six years at college.
- ◆ Successfully organized the all zone intercollegiate Fencing competitions in the last year at college
- ◆ Nominated by Hon. Vice Chancellor, University of Mumbai as Chairman on the Tournament and Selection Committee for the University Intercollegiate **Hiking and mountaineering competitions** for the year 2010-11 and 2011-12.

11.05: Other Extension Activities:

- ◆ Worked as **Resource Person** for Mumbai Districts AIDS Control Society, Mumbai for Peer group awareness and training programme on HIV/ AIDS. Delivered **15 lectures** on various topics in **6 years**.
- ◆ Convener of the **“Extra Mural studies”**, University of Mumbai *Raigad District Committee for 7 years*
- ◆ Worked as Nodal Officer for Face-To-Face Training programme (FFTP under NDMA-IGNOU

Project on "Capacity Building in Disaster Management for Government Officials and Representatives of Panchayati Raj Institutions & Urban Local Bodies at District Level" Organized by Government of India

12. STUDENT-CENTRIC ACTIVITIES FOR THEIR ALL-ROUND DEVELOPMENT AND FOR PROVIDING THEM KNOWLEDGE:

- ◆ **Organized excursions** of T.Y.B.Sc. Botany Class for consecutive **Fifteen years** at various places of Botanical interest in the country (Bangalore, Ooty, Mysore, Kodaikanal, Rameshwaram, Coimbatore, Chennai, Calcutta, Darjeeling, Kanyakumari, Panchamathi,)
- ◆ Organized Career Fairs for students and worked as counselor for the students on Career Opportunities and Higher Education.
- ◆ **Speeches on All India Radio:**
 - June 1989 (AIR Ratnagiri) delivered a speech on **‘Environmental issue’**- Impact of Air pollution on Plants
 - August 1994 (AIR Mumbai) delivered a speech on **Impact of Air pollution on agriculture.**
 - September 2000 (AIR Mumbai) Interviewed on four Tuesdays of The month on the FM Radio) topic - **‘Youth Activities’**
- ◆ **Interviews on Television :**
 - September 2001 (Alfa Marathi, Zee TV Channel) Topic – **‘Restoration of Sea cost of Raigad District’**
 - May 2003 (Alfa Marathi, Zee TV Channel) **Topic – Career guidance/courses for 12th passed students**
 - June 2005 (Alfa Marathi, Zee TV Channel) **Topic – Career guidance/courses for 12th passed student**

13. Invited Talks and Lectures :

Sr. No.	Title of Presentation in Academic Session	Title of Conference / Seminar	Mode of Presentation: Invited lectures / Resource Person / Paper presentation	Name of Organizer	Whether International (Abroad) / International (within Country) / National / State / University Level
1	Invited as an Expert and Lecturer “National Conference on Biological Terminology”	“ National Conference on Scientific and Technical terminology (Biological Terminology in Marathi) June, 29-30, 2012.	Lecture	Commission for Scientific and Technical Terminology, Govt. of India. At Shriwardhan Colleg, Raigad.	National
2	Invited as Resource person to deliver Inaugural speech and presentation on “Green Chemistry.”	National Conference on “Applications of Green Chemistry for Environment Protection”. 6 th Jan 2018.	Lecture	Gokhale Education Society’s Arts, Commerce and Science College, Shriwardhan, Dist. Raigad. Sponsored by UGC.	National
3.	Invited as a Resource person and to deliver a lecture on “ N.S.S. Administration and Account Managment	97 th Orientation Course on National Sevice Scheme 8 Apr. 2004.	Lecture	TATA Institute of Social Sciences, Deonar , Mumbai.	State

4.	Invited to deliver to a Key note address in a programme on the occasion of World Environment Day on the topic” <i>Maitri Paryavaranash i</i> ” means Friendship with Environment. At Thane.	A symposium on World Environment Day in presence of Minister of Environment, Govt. of Maharashtra 9 th June 2011	Lecture	Appa Joshi Pratisthan and Thane – Belapur Industries Association, Navi – Mumbai	State
5.	Invited as a Resource person to deliver a lecture on “ N.S.S. Supervision and Evaluation”	96 th Orientation Course on National Service Scheme 24 Jan. 2004.	Lecture & Presentation	TATA Institute of Social Sciences, Deonar , Mumbai.	State
6.	Invited as a Resource person to deliver a lecture on “ N.S.S. Administration ”.	87 th Orientation Course on National Service Scheme 16 Apr. 2002	Lecture & Presentation	TATA Institute of Social Sciences, Deonar , Mumbai.	State
07.	Invited as a Resource person to deliver a lecture on “ N.S.S. Regular Activities,”	Orientation Course on National Service Scheme 4 July 2003.	Lecture & Presentation	TATA Institute of Social Sciences, Deonar , Mumbai.	State

08.	Invited as Resource person to deliver a lecture on “NAAC – objectives of Higher Education”	Workshop for teachers on “ Curriculum Develomnet 7 July 2013.	Lecture	P.P.E’s Arts , Commerce and Science College, Veshvi, Tal- Alibag, Raigad. 402209.	University
09.	Invited as a speaker to deliver a lecture on “ Career opportunities in Science Faculty:	Career Guidance Programm – ‘ <i>Career Mantara 2005,</i> ’ 12 June 2005.	Lecture	Daily , Mumbai ‘Tarun Bharat’	State
10.	<i>Invited as an expert to speak on ‘Udyacha Maharashtra ani Vidyapeeth’</i> means Maharashtra in Future and Universities.	Mahacharcha Programm on DOORDARSHA N. 28 Apr. 2016.	Interview	Doordarshan Centre ,DD Sahyadri , Mumbai.	State
11.	Invited as an Expert to speak on “ Role of Field Projects in NEP-2020: Astep Towards the Employmnet “	An Online Webinar 04/03/2023	Presentatio n	Veerangana Zalakari Bai Govt. Girls College, Gwalior, M.P.	National

14. Books, chapters and Edited books :

Sr. No.	Title of Chapter with Page Nos.	Name of Book
1	“Pay Takuni Shaharat Basala Asala Oudumbar”. pp- 63-65	“Vriksharaji Mumbaichi” A book in Marathi published by Dept. of Extra Mural Studies, University of

	July 2007.	Mumbai.
2	Reproduction, Embryology and Pollution. University Text Book of Zoology S.Y.B.Sc. Semester IV Course X First Edition – No. 2016, Ch-3, 75-94	University Text Book Published by University of Mumbai
3.	Umbar – The water indicator Fig.- Translated in Marathi July 2007	Sen “trees” of Mumbai A book published by Dept. of Extra Mural Studies, University of Mumbai

ANNEXURES

(Annexure – A)

EXAMINATION AND EVALUATION EXPERIENCE

University of Mumbai:

- Member, committee of paper setters and examiners and moderators (for both theory & practical) at M.Sc. part I & II at **Environmental Sciences** at University of Mumbai for the year 2009-10, 2010-11, 2011-12, 2018-19 to 2022-23
- **Member, committee of paper setters and examining papers** (for both theory & practical) at F.Y./S.Y.B.Sc. examinations at J.S.M. College, Alibag from 1986 to 1999
- Worked as Chief conductor for University examination at Alibag Centre.
- Worked as Chief conductor for University examination at Nagothane Centre.

S.N.D.T. Women's University:

- **Expert Member of Committee of paper setters** for setting and examining papers (for theory examination) for part-I & part- II M.Sc. diploma course of the University in environmental Management (1999 to 2000 & 2000-2001)

Development of Syllabi:

- **Member of the Syllabus committee for Life Sciences at University of Mumbai.(2011)**

- **Expert member- syllabus committee for development of syllabus** of certificate course on ecological restoration of human habitat for the Department of Extra Mural Studies of the University (2001)
- **Member** – Syllabus Committee for development of Semester and Credit based Syllabus of Undergraduate programme of **Life Sciences** of University of Mumbai (2011-2012).
- **Member** – syllabus framing committee to frame the syllabus of NSS as elective subject of the University of Mumbai.

(Annexure- B)

RESEARCH PAPERS PRESENTED AT INTERNATIONAL / NATIONAL AND STATE / UNIVERSITY LEVEL CONFERENCES / SEMINARS:

- 1 Attended Conference on **“Konkan afforestation and watershed development”** held at Tara, district Raigad (December 12-13, 1987) and presented a **research paper entitled “Natural Afforestation”**
- 2 Attended Seminar on **“Status of Environment in Maharashtra “**at the University of Poona, (March 28-29, 1989) and **presented a research paper entitled “Air pollution injury in vegetation near Rasayani Industrial Complex, Raigad”**
- 3 Attended Seminar on **“Raigad-2000”** at Panvel, district Raigad (April 14-15, 1991) and **presented a research paper entitled “Status of environmental in Raigad in 2001”**; organized by the Rotary Club of Panvel-Raigad.
- 4 Attended Conference on **“Conservation of Biological Resources”** at the Institute of Science, Mumbai (December 16-17, 1996) and **presented a research paper on ‘Ecological assessment of proposed second international airport at Rewas- Mandwa, district Raigad’.**
- 5 Attended a **“National conference on plant Biotechnology”** and **presented research paper on Ethno botany**; organized by the University of Mumbai at Jaihind College, Mumbai (April 21-23, 1998).
- 6 Attended a workshop on **“Conservation and Development of Sacred Groves in Maharashtra “**at Dajipur (Radhanagari); Kolhapur district (May 20- 22, 1998) organized by BNHS, Mumbai and **delivered a lecture on “Sacred grove of Kankeshwar” a case study.**
- 7 Attended a state level conference on **“Plant Biotechnology for Rural Development”**; organized by Marathwada Botanical Society, at Science College, Nanded and **presented a research paper on “Documentation of Ethno medicinal plants in Western Ghats of Maharashtra with particular reference to Alibag Taluka of Raigad District ”** on 20-21 August 2000.

8. Attended a State level conference on “ Modern Trends in Teaching and Research in Botany” and presented a paper on **‘Significance of knowledge of plant sciences in achieving conservation of Nature and Natural Resources’** organised by Marathwada Botanical Society, Aurangabad on 11th Oct. 1998.
9. **Sanjay V. Deshmukh, Anil K. Patil , Sanjeev Karpe.;**“ **Developing Bamboo Based Interventions for Poverty Reduction and Employment Generation ; A case study in Maharashtra, India**”. A paper presented at International Conference on Bamboo at Delhi on 16th to 18th Apr. 2008.
10. **Patil Anil K., Karamkar S.M., Chaphekar S.B.;**” **Phytomonitoring of Air Pollution with potted plants around the fertilizer industry**” A paper presented at National Seminar on “Environmental Pollution Management” held at Changu Kana Thakur Arts, Commerce and Science College, New Panvel -2010.
11. Attended a National Level Seminar on ‘ Dynamics of Mangrove Ecosystem’ and presented a paper on **“Vertical Distribution of Mangroves related higher marine fungi in Raigad district of Maharashtra**” organized by R. J. College, Ghatkopar, Mumbai on 29-30 Nov. 2013.
12. Attended XXXVII All India Conference of the Indian Botanical Society and National Symposium on Biodiversity & Climate change and presented a paper on **“Diversity of Higher Marine Fungi Associated with Mangrove ecosystems of Rewas creek, Raigad district of Maharashtra**”, on 7-9 Nov. 2014.
13. Attended an International Conference on “ Recent Trends in Drug Discovery and Green Chemistry” and presented a paper on **“Study of Rhizosphere And Non-Rhizosphere flora of the Medicinal Plant – *Blumea glomerata* DC**”, organized by J. S. M. College, Alibag- Raigad , on 9 Jan. 2016.
14. Attended a One Day National Conference on ‘ Advances in Biological Sciences’ and presented a paper on **“Study of effect of mycorrhizal association on the growth of vegetables- Brinjal Plant**” organized by K. E. S. Annadibai Pradhan Science College, Nagothane, Dist. Raigad, on 3rd Feb. 2018.
15. Attended a Seminar on “ Status of Environment in Maharashtra and gave a presentation on **“Air pollution injury in vegetation near Rasayani Industrial Complex, Raigad**” organised by Department of Botany, University of Pune, on 28-29, March 1989.
16. Attended an Interdisciplinary International Conference on “ Rising of Global India: Aspiration , Possibilities, Challenges “ and presented a paper on **“Study of Ethnomedicinal plants used by Tribal people from Raigad District of Maharashtra: Future Prospects in achieving sustainable Development goals.”** organised by VaJaHa Foundation, Nagpur, at Dubai, U.A.E.

from 21-23 Nov. 2022.

17. Attended a National Conference on “Mangrove Biodiversity Conservation & its Perspectives” and presented a paper on “ **Study of Ecology of Mangroves at Alibag Seacoast of Raigad District**” organised by NES, Arts , Commerce and Science Colleg, Lanja , Ratnagiri, on 2-3 Feb. 2023.

Research Papers Published in Journals:

1. **Patil Minal A., Mishra, R.L., Patil, Anil**, [2007] “Study of Rhizosphere And Non- Rhizosphere Flora of the Medicinal plant – *Ocimum Sanctum* Linn.” a paper published in the quarterly Journal of Life Sciences – ‘ BIOINFOLET’; vol. No. 5, Sept. 2008: Proceedings of the National Conference on ‘Modern Trends In Plant Sciences’ held at Dr. Babasaheb Ambedkar Marathwada University, Aurangabad. (6th& 7th Oct. 2007)
2. **Patil Anil K., Chaudhari S.V.**, [2009] “Improving Women’s status through Lifelong learning: A case study” in Raigad District of Maharashtra. Indian Journal of Adult Education, Vol. 70(4): October – December 2009, pp 53-59.
3. **Patil Minal A., Patil Anil and Deshmukh Sanjay** [2019] “Vertical Distribution of Higher Marine Fungi Associated with Mangroves in Raigad District of Maharashtra”. Review of Research , ISSN:2249-894X
4. **Patil Minal A., Patil Anil K.** [2019] “To Study the effect of Mycorrhizal Association on the growth of *Abelmoschus esculentus*(L.) Moench.”. Review of Research , ISSN:2249-894X.
5. **Patil Anil K., Patil Swapnal, Patil Minal A.** (2019) “Effect of Root and Leaf Extract of *Cassia tora* on the Germination of Okra (*Abelmoschus esculentus* (l.)Moench.)and Sorghum (*Sorghum bicolor*) (l.) moench.”, Review of Research ,March 2019, ISSN:2249-894X
6. **Patil Anil K., Patil Swapnal** (2020) “Assessment of Allelopathic Potential of *Cassia Tora* Linn. On Seedling Growth and Biomass of Fenugreek” , Platinum , ISSN2231-0096, Vol.-12, Dec.2021,pp-53-56
7. **Patil Anil K., Patil Swapnal** (2020) “Effect of Root and Leaf Extract of *Ageratina adenophora* (Spreng.) King & H. Rob. On the Germination of seeds of Okra and Sorghum” International Journal of Grid and Distributed Computing ,Vol.13 N0.2 ISSN: 2005-4262 IJGDC ,(2020), PP.110-118
8. **Patil Minal , Patil Anil K.** (2021)“ Diversity of Marine Fungi on Different Mangrove Plants of Same habitat and Their comparison” Platinum , ISSN2231-0096,Vol.-12, Dec.2021,pp-53-56

Contributions to Monographs:

1. **Deshmukh Sanjay**, Karnik, P.S., Bhatkhande, B.V., Borkar, M.K., **Patil A.K.**, Deshmane, A.B., and Kedar Kulkarni (2000). "Bamboo-dependent livelihood patterns of fishing communities: a case study of West Coast of India". In: *Bamboo for Livelihood Security*. A Monograph based on Proceedings of the V International Bamboo Congress (Costa Rica, November 2-7, 1998). International Network for Bamboo and Rattan (INBAR), China (accepted for publication).
2. **Deshmukh Sanjay V.** MundlyeUmesh, AneraoAjit, Bhatkhande Balakrishna, Deshmane A.B., **Patil A.K.**, Jadhav V.D.H. and M.G. Gogate. (2000). "Tapping indigenous knowledge for conservation and development of sacred groves: a case study of Maharashtra State, India". *Monograph on Sacred Groves of India*

Research articles published in Proceedings and Volumes of Conferences / Seminars

1. **Patil Anil K., Deshmukh Sanjay** [1999] "Significance of knowledge of plant sciences in conservation of nature and natural resources" a research paper published in 'Frontiers In Botany'; proceeding of the state conference on 'Modern trends in teaching and research in Botany'(1999), Aurangabad.
2. **Patil Anil K.**, [1995] "Plant indicators and environmental monitoring" a research article published in 'Ecology in Practice' ; a collection of articles for Prof. S. B. Chaphekar's festschrift volume, edited by Dr.C.S.Latto (November-1995)
3. **Patil Anil K., Patil Minal**, [2000] "Documentation of Ethno-medicinal Plants in Western Ghats of Maharashtra with Particular Reference to Alibag Taluka of Raigad District" a paper for State level conference on 'Plant Bio-Technology for Rural Development' (August, 2000)

Research work presented in the Reports:

1. **Chaphekar S.B., Patil Anil K.** [1990] "All India co-ordinate project on plants and Air pollution" (1986- 1990), project report, submitted to MOEF; Govt. of India, New Delhi in 1990.
2. **Patil Anil K., Deshmukh Sanjay** [1997] "Ecological assessment of the proposed site of Second International Airport", at Rewas- Mandwa, Raigad district (Sept.1996- March-1997), "submitted to the SANCF, BNHS , Mumbai.
3. **Deshmukh Sanjay, Patil Anil K.**, [1997] "Eco- development of Mumbai coast; community based conservation and regeneration of mangrove forest ; a case study "submitted to RC- NAEB, MOEF, Govt. of India, New Delhi (Sept.1996-March 1997).
4. **Patil Anil K.**, [1997] "Peoples involvement in green belt development" a success story of RCF Ltd. (Thal), Raigad district ; submitted to the RC-NAEB, MOEF, Govt. of India, New Delhi (June 1997)

Research Projects worked on:

1. A minor reserch project sponsored by UGC, **“Ethno botanical Studies in Western Ghats of Maharashtra with particular reference to Alibag Taluka of Raigad District.** (0.21 Lakh) , 1999-2001
2. A minor reserch project sponsored by University of Mumbai, **“Synthesis of Some Biologically Active Isoxazoline”** (0.35 Lakh) . 2010-2011
A minor reserch project sponsored by University of Mumbai, **“Phytochemical Analysis of some of the Medicinal plants in Raigad District and to study their antimicrobial activity”** (0.25 lakh) , 2013-14.
3. Assisted Prof. S.B. Chaphekar, then Head, Department of Botany, Institute of Science, Mumbai in conducting an **All India Co-coordinate project on “Plants and Air Pollution”**(1987-1990)
4. Conducted jointly a research project on **“Ecological Assessment of the proposed site of Second International Airport project”** at Rewas – Mandwa, Raigad District. (September 1996 – March 1997)
5. Served as Resource person in Research project conducted by the Bombay Natural History / Social (BNHS), Mumbai; entitled **“Eco-development of Mumbai coast, community based conservation and regeneration of mangrove forest, a case study”** “sponsored by RC - NAEB, MOEF, Govt. of India, New Delhi. (September 1996 – March 1997)
6. Served as consultant to the Agricultural Finance Consultants Ltd., Mumbai; in a research study **“Peoples involvement in green belt development”**; a story of R.C.F. LTD. (THAL), Raigad District (June 1997)
7. Carried out **E.I.A.** of various industrial projects in Raigad District – NIPPON industries Ltd. VIKRAM ISPAT industries Ltd., RCF, Thal Ltd. (1993 – 1996)

Consultancy and Expertise:

1. Served as Resource person in Research project conducted by the Bombay Natural History / Social (BNHS), Mumbai; entitled **“Eco-development of Mumbai coast, community based conservation and regeneration of mangrove forest, a case study”** sponsored by RC - NAEB, MOEF, Govt. of India, New Delhi. (September 1996 – March 1997)
2. Served as consultant to the Agricultural Finance Consultants Ltd., Mumbai; in a research study **“Peoples involvement in green belt development”**; a story of R.C.F. LTD. (THAL), Raigad District (June 1997)
3. Worked as **Panel member**, formed by **Maharashtra Pollution Control Board**, for Public hearing of Kumbhe Hydroelectric project for the environmental clearance, August 1998.

4. Worked as a **Panel member**, formed by **Maharashtra Pollution Control Board**, for Public hearing of Kal Hydroelectric project for the environmental clearance, August 1998.
5. Worked as a **Panel member**, formed by **Maharashtra Pollution Control Board**, for Public hearing of Mumbai - Sawantwadi Express highway ; for the environmental clearance, May 1997.
6. Worked as a **Member of Evaluation Committee** formed by **Govt. of India** for the evaluation of **Indira Priyadarshani Vrikshamitra Award** 1997.
7. Worked as Functional Area Expert for Ecology for Environmental Impact Assessment for Padmaja Aerobiological Pvt. Ltd. A consultancy organization.

Popular Science Articles in Magazines and Newspapers

1. **Patil Anil K. (1998) “Sacred Groves- Traditional Practice for Environment protection & Conservation”** (means “*Devarai- Paryavaran Sarankshan Van Savardhanacha Paramparik Upay*” in Marathi) in ‘**Vasundharecha Awaz**’ (means Voice of Earth) – July 1998 a popular Marathi Magazine offered to Ecology & Environment. Published in Pune of Maharashtra state in India.
2. **Patil Anil K. (1989) “Get the help from Nature for Forest Development”** (means “*JangalwadhisathiNisargalachHatashiGhya*” in Marathi) in ‘**Lokprabha**’ December, 17, 1989. A popular Marathi weekly published in Mumbai of Maharashtra state in India.
3. **Patil Anil K. (1990) “Industrialization and Environment in Raigad till 2001”** (means “*2001 Paryant Raigad madhil Audogikaran va Paryavarn*” in Marathi) in ‘**Krishival**’ May, 2 & 3, 1990. A popular Marathi Newspaper (Daily) published in Alibag & Thane in Maharashtra state in India.
4. **Patil Anil K. (1997) “Environmental Protection & Conservation in Raigad whether it will be considered or not?”** (means “*RaigadchyaParyavaranSarankshan – Savardhanacha vichar Honar Ki Nahi?*” in Marathi) ‘**Krishival**’ July, 13 & 14, 1997. A popular Marathi Newspaper (Daily) published in Alibag & Thane in Maharashtra state in India.
5. **Patil Anil K. (2001) “Environment Conservation & Tourism should go Together”** (means “*Prayatanas Jodhavi Paryavarn Savardhanachi*” in Marathi) in ‘**Sakal**’ Raigad District special supplement, April, 28, 2001. A popular Marathi Newspaper (Daily) published in Mumbai, Pune, Aurangabad & other parts of Maharashtra State in India.
6. **Patil Anil K. (2004) “Youth should march ahead”** (means “*Yuva Paul PadatePudhe*” in Marathi) in Raigad District special supplement, January 28, 2004 of ‘**Sakal**’ a popular Marathi Newspaper (Daily) published in Mumbai, Pune, Aurangabad & other parts of Maharashtra State in India.

7. **Patil Anil K. (2002) ‘It is essential to have a social binding for Environmental Conservation’** (means ‘*Paryavaran Savrakshanasathi Samajik BandhilkiHavi*’ in Marathi) 28th April 2002, Special Supplement- ‘**Sakal**’. A special issue on Alibag, a popular Marathi Newspaper (Daily) published in Mumbai, Pune, Aurangabad & other parts of Maharashtra State in India.
8. **Patil Anil K. (2009) “Flowers in Winter season”** (means *Vasantatil Fulotsav*” in Marathi.) in Sunday supplement of Daily Loksatta, on 26th April 2009 published at Mumbai, Pune.
9. **Patil Anil K. (2010) “International Year of Biodiversity -2010, An Alarm to Human being.”**(means “*Antar Rashtriy Jaiv Vividhata Varsha- Nimmittane ManvasIshara*” in Marathi. In a souvenir of Raigad branch of ‘*Maharashtra Andhashraddha Nirmulan Samiti*’, 2010.
10. **Patil Anil K. (2011) “Empire of White flowers Ranmodi”** (means *Pandharyafulanchesamrajya - Ranmodi*” in Marathi.) in Sunday supplement of Daily Loksatta, on 26th April 2009 published at Mumbai, Pune.
11. **Patil Anil K. (2010) “A warning to the sustainability of Human beings”** (means *Manavi Astitwala Ishara*” in Marathi.) in Weekly magazine Lokprabha on 16th June published at Mumbai, Pune
12. **Patil Anil K. (2012) “Flowers appearing after the first showers** (means *Phulalaejeevanparjyansparshhota*” in Marathi.) in Weekly magazine Lokprabha on 16th June published at Mumbai, Pune
13. **Patil Anil K. (2012) “Vegetables in the forest found in rainy season** (means *Ala pawasala, alyaranbhajya*” in Marathi.) in Weekly magazine Lokprabha on 16th June published at Mumbai, Pune
14. **Patil Anil K. (2020) “Sustainable life through Association”**means ‘*Sahajivantunach Shashwat Jivan*’ in Marathi in Lokprabha magazine – Diwali special issue (Oct. 2022)
15. **Patil Anil K. (2020) “Invaders rom the foreign countries among the plants’** in Sad Nisargachi- e Diwali Magazine of Maharashtra Nature Park , Mumbai.

(Annexure –C)

PARTICIPATION IN SEMINARS, WORKSHOPS AND CONFERENCES

International level

1. Participated in the **Asian Region Consultation on ‘Family & Life Skills Education for Adolescents’** jointly conducted by the Ministry of Youth Affairs & Sports, Govt. of India, New Delhi & Commonwealth Youth Programme, Asia Centre, at Chandhigad (India) in November, 2002.

2. Participated in the **Asia Region workshop on 'Youth Law & Human Rights'** jointly organized by the Human Rights Unit, Commonwealth Secretariat. London & HRD Unit. Commonwealth Youth Programme, Asia Centre in Mumbai **April, 2003**
3. Participated in '**World Youth Peace Summits**' organized at Bangalore, India as **contingent leader of Maharashtra** organized by 'International Association for Human Values (December, 7th to 9th 2003)
4. Participated in '**International Youth Leader Convention**' organized at Mumbai, India organized by '**International Society for Harmony & Peace**' (INSHARP) (January 9th – 11th, 2004)
5. Attended an Inter- National Conference on "**Responsibility to the Future: Business, Peace, Sustainability**" organized by Strategic Foresight Group at Mumbai on June 26th- 27th, 2008.
6. Attended "**Thailand World Education Leaders Forum**" organised at Thammasat University, Thailand in Feb. 2016.
7. Attended **Global Summit on Quality Higher Education** organized by NAAC, India and Asia Pacific Quality Network at Bengaluru, India on 16th -17th September, 2016.
8. Attended the "**4th World Education Leaders Forum**" organised at King Mongkut's Institute of Technology , Ladkrabang , Bangkok in Feb. 2017
9. Attended an International Conference on '**Recent Trends in Science**' organised by J. S. M. College, Alibag- Raigad, Maharashtra State, India on 8th – 9th March 2019.
10. Attended an Interdisciplinary International Conference on '**Rising of Global India: Aspirations, Possibilities and Challenges**'. Held at Dubai, UAE, organized by VaJah Foundation , Nagpur on 21-2 Nov. 2022.

National level

- 1 Attended "**22nd All India Botanical Conference**" organized by Indian Botanical Society and University of Mumbai at Shri.V.P.K. Mandal's Mithibai College, Vile-Parle, Mumbai (October 23-25, 1999).
- 2 Attended a National Training Workshop on '**Electronic Herbarium & Digital Database** at Department of Botany The Institute of Science, Mumbai- 32 (February, 17th-18th 2003)
- 3 Attended a National conference on '**Empowerment of Youth and Women**' held at Calicut University in August 2001.
- 4 In August 2001 participated in a Workshop "**University Talks AIDS**" organized by Ministry of Youth Affairs & Sports, Government of India at Goa.

- 5 Participated in **National Symposium “Youth Empowerment”** organized by Ministry of Youth & Sports Affairs Government of India at Calicut University in September, 2001.
- 6 Selected and participated in **National Seminar on “NATIONAL SERVICE SCHEME NEW STRATEGIES OF IMPLEMENTATIONS”** organized by Ministry of youth Affairs & sports, Government of India at R.G.N.I.Y.D. Campus, Shriperumbudur, and Chennai in September, 2002.
- 7 Participated in the orientation **course in ‘Youth Parliaments’** conducted by Ministry of Parliamentary Affairs, Govt. of India at Kamraj University, Madurai in August, 2001
- 8 Participated in the **orientation course in ‘Youth Parliaments’** conducted by Ministry of Parliamentary Affairs, Govt. of India at A.N.G. Ranga Agricultural University, Hyderabad in August, 2002
- 9 Attended a National Conference on **“Management of Urban Vegetation ”** organized by Department of Botany, Wilson college, Mumbai on 23rd & 24th September, 2005.
- 10 Attended National conference on plants in relation to Man & Biosphere organized by St. Xavier College, Mumbai on 16th & 17th November, 2007.
- 11 Attended XIV National Conference on **“Capacity Building in Higher Education”** organized by Association of Indian College Principals on 21st & 23rd February, 2013 at Margoa – Goa.
- 12 Attended 15th National Conference on **“Role of educational Institutes in Social Responsibility”** organized by Association of Indian College Principals on 27-28 February and 1st March 2015, at Khalasa College, Amritsar.
- 13 Attended 16th National Conference on **“Perspectives of Higher Education in the 21st Century”** organized by Association of Indian College Principals on 30th-31st January and 1st February, 2015, at H. A. College of Commerce at Ahmedabad.
- 14 Participated Inter- University West Zone workshop on **‘Considering NSS as an Elective Subject’** sponsored by Association of Indian Universities and Ministry of Youth Affairs & Sports, Govt. of India, organized by NSS Cell , University of Mumbai on 6th -7th June 2014.
- 15 Attended National Conference on ‘ Mangrove Biodiversity Conservation and its perspectives, organised by N.E.S. Arts, Science and Commerce College, Lanja, Dist. Ratnagiri; in Feb. 2023.
- 16 Attended “Capacity Building Training program in Plant Identification” organized by Botanical Survey of India of Ministry of Environment, Forest and Climate Change- Sikkim Himalayan Regional Centre, Gangtok on 4th May 2022.

State Level:

1. Seminar on **“Status of Environment in Maharashtra “** at the University of Poona, (March 28-29, 1989) and **presented a research paper entitled “Air pollution injury in vegetation near Rasayani Industrial Complex, Raigad”**
2. Conference on **“Conservation of Biological Resources”** at the Institute of Science, Mumbai (December 16-17, 1996) and **presented a research paper on ‘Ecological assessment of proposed second International airport at Rewas- Mandwa, District Raigad’.**
3. Attended a workshop on **“Conservation and Development of Sacred Groves in Maharashtra”** at Dajipur (Radhanagari); Kolhapur district (May 20-22, 1998) organized by BNHS, Mumbai and **delivered a lecture on “Sacred grove of Kankeshwar” a case study.**
4. Attended a conference on **“Modern trends in teaching and research in Botany”**; organized by Marathwada Botanical Society at Vasantao Naik College, Aurangabad (October 11, 1998)
5. Attended a state level conference on **“Plant Biotechnology for Rural Development”**; organized by Marathwada Botanical Society, at Science College, Nanded and **presented a research paper on “Documentation of Ethno medicinal plants in Western Ghats of Maharashtra with particular reference to Alibag Taluka of Raigad District** (August 20-21, 2000).
6. Attended a state level workshop for on **“Aromatic plants and Essential oils”** organized by Department of Botany, I.C.L.E.S. Motilal Jhunjhunwala College, Navi Mumbai on Friday, November 27, 2009.
7. Attended a two day **31st state level conference of Principals in Maharashtra**, organized by Principals Forum, University of Pune, on behalf of Federation of Principals of Maharashtra state of Non- Government colleges
8. Attended a two day state level conference of Principals in Maharashtra on 29 & 30 December at Walchand Engineering College, Sholapur, organized by Principals Forum University of Sholapur on behalf of Federation of Principals of Maharashtra state of Non-Government College.
9. Attended a UGC Sponsored one day state level workshop on Exploring **‘Alternatives in Assessment and Participation Accreditation Process’** organized by V.G. Vaze college of Arts, Science & Commerce Mumbai on 29th November 2008.
10. Attended Orientation Workshop for two days at Yashwantrao Chavan Academy for Development Administration, Pune (Maharashtra) on July, 16-17, 2012
11. IP Awareness/ Training Program under National Intellectual Property Awareness Mission, organized by Intellectual Property office, Govt. of India, on 15th July 2022.

University Level

1. Attended a two days' workshop for Principals on **“Re- Accreditation and Role of Principals in Administrations”** organized by Association of Non – Government colleges at K.M.C. College Khopoli – Raigad on 24th & 25th November, 2007.
2. Attended a conference on **“Reforms in Higher Education”** organized by **Mumbai** University principals Association, on 21st March 2009.
3. Attended a one day workshop for on **“Choice Based Credit System (CBCS). Grading system & Semester System”** organized by C.K. Thakur College, New Panvel and University of Mumbai on Friday, March 23, 2011.
4. Participated in a one day workshop for Principals on **“Guidelines for Implementation of Reservation Policy through Roster”** organized by University of Mumbai and MUPTA at University Club House Churchgate, Mumbai; on 2nd March, 2013.
5. Participated in a one day workshop on **“Quality Circle and Graduate Attributes”** organized by Quality Assurance Cell, University of Mumbai and K.E.T.'s V.G.Vaze College, Mulund, Mumbai ; on 2nd March, 2015.

District level and other

1. Conference on **“Konkan afforestation and watershed development”** held at Tara, district Raigad (December 12-13, 1987) and presented a **research paper entitled “Natural Afforestation”**.
2. Seminar on **“Raigad-2000”** at Panvel, district Raigad (April 14-15, 1991) and **presented a research paper entitled “Status of environment in Raigad in 2001”**; organized by the Rotary Club of Panvel-Raigad.
3. Invited as the Resource person for a two day multidisciplinary Research meet **“Shodh Chikitsa- An uprising”** and delivered a lecture on **“Flora and Fauna of Alibag and opportunities in Botanical Research.”** organized by P.P.E.s Arts Science and Commerce College, Veshvi, Alibag. On 18th Jan 2015.
4. Invited as the Resource person as Expert in Science for a Taluka level Science organized by Panchayat Samitee, Alibag. on 5th December, 2014.
5. Worked as Divisional Controller for the Maharashtra Talent Search Examination 2014, organize by Centre for Talent Search & Excellence, Pune.

Date : 24 June 2023