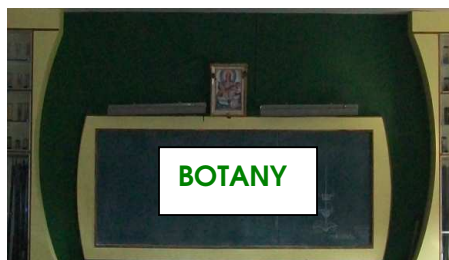


SHRI SHIVAJI COLLEGE OF ARTS, COMMERCE AND SCIENCE, AKOLA.

Departmental Profile

1. Name of the Department : BOTANY
2. Year of Establishment : UG - 1963
: PG - 1992
: Ph. D. - 2000
3. Details of Staff Members : 08



	Name of the faculty members	Educational Qualification	Designation	Experience (Yrs)		Specialization
				Teaching	Research	
1	Mr. D. G. Bhadange	M. Sc., M. Phil.	Dean, Faculty of Science, SGB, Amravati University & Head of Department	26	10	Angiosperm Taxonomy
2	Dr. S. P. Rothe	M. Sc., Ph.D.	Associate Professor	25	27	Angiosperm Taxonomy
3	Dr. S. S. Suradkar	M. Sc., Ph.D.	Associate Professor	22	17	Plant Anatomy
4	Dr. Mrs. P. S. Kokate	M. Sc., Ph.D.	Associate Professor	20	10	Plant Physiology
5	Dr. D. K. Koche	M. Sc. Ph. D. (NET)	Assistant Professor	08	10	Cytology and Genetics
6	Dr. Mrs. V. S. Dandge	M. Sc., Ph.D.	Assistant Professor	05	07	Mycology
7	Mr. D. G. Mankar	M. Sc. B. Ed.	Lecturer, Jr. College	30	--	Cytogenetics
8	Mr. P. D. Borde	M. Sc. B. Ed.	Lecturer, Jr. College	25	--	Palenology

4. Details of Administrative/ Technical Staff:

Sr. No.	Name of Technical Staff	Qualification	Designation
1	Mr. Shaikh Ismail	B. Sc.	Lab. Assistant
2	Mr. S. G. Thorat	HSC, Diploma in gardening	Lab. Attendant
3	Mr. V. V. Nakat	SSC	Lab. Attendant
4	Mr. R. S. Ambhore	HSC	Lab. Attendant
5	Mr. V. B. Tayade	HSC	Lab. Attendant
6	Mr. Sandeep Shelke	SSC	On Daily Waighes

5. Students profile to programs:

Course	Men	Women	Total	Demand ratio
B. Sc.	133	188	333	1:1
M. Sc.	06	23	29	1:1
Ph. D.	04	02	06	--

5. Success rate of each program. Its comparison with University results:

Program	2004-05	2005-06	2006-07	2007-08	2008-09
B.Sc.	78.2%	85%	84%	67%	73%
M.Sc.	100%	100%	81.2%	92%	75%

- The success rate of B.Sc. students opting Botany from this Department is quite high compared to the overall results of B.Sc. in SGB, Amravati University.
- The success rate of PG course in Botany as shown in table above for last five years is comparable to the University overall PG result in Botany.
- The dropout rate of PG is zero

6. Number of faculty members on University Bodies / and other academic bodies and social organizations. Their role in curriculum designing and college development.

Faculty Member	University Bodies/ Academic bodies/ Social organizations
Mr. D. G. Bhadange	Dean, Faculty of Science, Chairman of BOS in Botany, Member, BUTR, BCUD, BOE, Academic council, RRC, CAP, Member of Maharashtra State Board of Secondary and Higher Secondary Education, Pune (MS)
Dr. S. P. Rothe	Honorary Taxonomist for Divisional forest and Social forestry, Akola and Washim District (MS)
Dr. Mrs. P. S. Kokate	District Coordinator for NSS and Member of University NSS advisory committee, SGB, Amravati University. Member of District Youth Affairs and sports advisory committee under Youth Affairs and sports Ministry, Govt. of India.

The syllabus of the UG and PG courses are designed by SGB Amravati University, Amravati. The syllabus of UG was revised in 2005-06 and PG in 2007-08 with semester pattern being introduced for PG. Being The Dean of Science faculty and Chairman BOS in Botany, Mr. D. G. Bhadange have significant contribution in reframing the UG and PG syllabi. Being Plant Taxonomist, Dr. S. P. Rothe is engaged in Campus beautification, Plantation and plant identification. He is also involved in various activities of Shruti Vaibhav Club, Akola. Dr. Mrs. P. S. Kokate is engaged in various extension activities under NSS, youth affairs, sports and cultural activities.

7. Learning resources of Department (Laboratories, Computers / Internet / Departmental library etc.)

- Departmental Laboratories – Separate Laboratories for U.G., P.G. and Research.
- Computers / Internet - Three Systems with broad band connectivity and three faculty members have their own laptops.
- Departmental library with more than 350 Titles.
- LCD projector and OHP (Over head projector) for essential routine lecture as well as seminars.
- Botanical garden and Museum.

8. Enhancement of the resource during last five years.

- Internet facility for the teaching staff, research students and PG students.
- LCD projector for lectures and seminars.
- Research laboratory for Ph. D and M. Phil students.
- Tissue culture facility for routine practicals and research.
- Up gradation of Laboratories with equipments like extractor, Distillation, Blotting kits and Spectrophotometer etc.

- Botanical excursions are conducted every year to visit and observe the floristic biodiversity in various geoclimatic zones.
- Guest Lectures of specialist teachers in fields related to Biological sciences are arranged under the banner of Botanical Association.
- Modern teaching methods in use:
- The most faculty members actively make use of audio visual aids to make the teaching effective.
- Along with books the faculty members also make use of internet for up gradation of their teaching material.
- With the modern audiovisual aids the faculty members also make use of models and charts in the process of teaching.
- To make the teaching learning process more efficient the students are encouraged to deliver seminars and group discussion, quiz competitions etc.

9. Faculty members participated in National and International Conferences / workshops / seminars etc.

Name of Teachers	Conference/ Seminars/ Symposia/ Workshop attended / Participated
Prof. D. G. Bhadange	1) XVI annual conference of IAAT, organized by Agarkar Research Institute Pune, Oct. 4-6, 2006 2) Lady Teachers Association of Amaravati University, Organized by Shri Shivaji College, Akola, 3ed Jan. 2007 3) “Emerging trends in Medicinal plants & their biotechnological advances” Organized by Dr. Ambedkar College, Nagpur, Jan. 5-6, 2007. 4) State level conference on Environment, organized Jointly by Shri Shivaji College Akola and TREE. 4th Feb. 2007. 5) National seminar on current trends in plant bioresource utilization, organized by Dept. of University Pune. 26-27 Feb. 2007. 6) National Conference on Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation., Organized by Shri Shivaji Science College, Amaravati, 28 – 30 Jan 2007. 7) National seminar on Recent Innovations in Herbal drugs, organized by Dept. of Botany, M. F. College, Warud (24th Jan 2009)
Dr. S. P. Rothe	XXIX All India botanical conference, organized by Department of Botany, Mohanlal Sukhadia University, Udaypur, Oct. 9-11, 2006. 2) Emerging trends in Medicinal plants & their biotechnological advances” Organized by Dr. Ambedkar College, Nagpur, Jan. 5-6, 2007 3) Lady Teachers Association of Amaravati University, Organized by Shri Shivaji College, Akola, 3ed Jan. 2007 4) State level conference on Environment, organized Jointly by Shri Shivaji College Akola and TREE. 4th Feb. 2007. 5) National Conference on Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation., Organized by Shri Shivaji Science College, Amaravati, 28 – 30 Jan 2007. 6) National seminar on recent trends in Botany organized by Dept. of Botany, BAMU University (2008)
Dr. S. S, Suradkar	1) XXIX All India botanical conference, organized by Department of Botany, Mohanlal Sukhadia University, Udaypur, Oct. 9-11, 2006 2) Lady Teachers Association of Amaravati University, Organized by Shri

	<p>Shivaji College, Akola, 3ed Jan. 2007</p> <p>3) State level conference on Environment, organized Jointly by Shri Shivaji College Akola and TREE. 4th Feb. 2007</p> <p>4) A national Seminar on Recent trends in teaching basic and applied sciences organized by Phulsingh Naik College Pusad (3rd Jan 2009)</p> <p>5) A national conference on recent trends in Botany, held at Dr. Ghogare Science college, Dhule (9th Jan 2009)</p>
Dr. Miss. P. S. Kokate	<p>1) International conference on plant science with special reference to biodiversity and conservation organized by Dept. of Botany, Amravati University, Amravati (17-19 Feb. 2005): Presented a paper.</p> <p>2) Lady Teachers Association of Amaravati University, Organized by Shri Shivaji College, Akola, 3ed Jan. 2007</p> <p>3) National Conference on Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation., Organized by Shri Shivaji Science College, Amaravati, 28 – 30 Jan 2007: presented a poster.</p> <p>4) National seminar on Biophysics, organized by JD Patil college, Daryapur, 19 Feb. 2007</p> <p>5) State level conference on Environment, organized Jointly by Shri Shivaji College Akola and TREE. 4th Feb. 2007.</p> <p>6) National seminar on Recent Innovations in Herbal drugs, organized by Dept. of Botany, M. F. College, Warud (24th Jan 2009)</p> <p>7) Capacity building of women managers in higher education, Shri Shivaji College, Amravati (27-31 Oct. 2009)</p>
Dr. D. K. Koche	<p>1) International conference on plant science with special reference to biodiversity and conservation organized by Dept. of Botany, Amravati University, Amravati (17-19 Feb. 2005). Awarded for best paper presentation in young scientist category.</p> <p>2) Annual conference of IAAT, organized by Dept. of Botany, Nagpur University, Nagpur (19-20th Oct. 2005).</p> <p>3) XXIX All India botanical conference, organized by Department of Botany, Mohanlal Sukhadia University, Udaypur, Oct. 9-11, 2006 and presented paper entitled as “In vitro induction of latent potential defense genes in three CLS susceptible -----Adathoda zylanica leaf extract”.</p> <p>4) Lady Teachers Association of Amaravati University, Organized by Shri Shivaji College, Akola, 3rd Jan. 2007</p> <p>5) National Conference on Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation., Organized by Shri Shivaji Science College, Amaravati, 28 – 30 Jan 2007 and presented one paper (Two Euphorbians having antimicrobial and ethno-medicinal values induce Pathogenesis related (PR) proteins in Cicer).</p> <p>6) State level conference on Environment, organized Jointly by Shri Shivaji College Akola and TREE. 4th Feb. 2007</p> <p>7) National seminar on Recent Innovations in Herbal drugs, organized by Dept. of Botany, M. F. College, Warud (24h Jan 2009)</p> <p>8) A national Seminar on Recent trends in teaching basic and applied sciences organized by Phulsingh Naik College Pusad (3rd Jan 2009)</p> <p>9) Short term training program on Genetic engineering organized By PGTD of Biotechnology, SGB, Amravati University, Amravati (15- 21th Feb. 2009).</p>
Dr. Miss.	<p>1) One day conference of Lady Teachers Association of Amaravati</p>

V. S. Dandge	University, Organised by Shri Shivaji College, Akola, 3rd Jan. 2007. 2) State level conference on Environment, organized Jointly by Shri Shivaji College Akola and TREE. 28th March. 2007. 3) National conference on Modern approaches & Innovation in biotech and biodiversity conservation: Shri Shivaji Science College, Amravati (28-30 Jan 20087). 4) National conference on microbial development and biochemical research: LAD college Nagpur (29-30th Nov. 2007). 5) National seminar on Emerging trends in plant science: Dept. of Botany, University of Baroda (22nd Feb. 2009). 6) Two day international seminar on redefining work culture in globalization era: Mahila MV. Nagpur.
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10. Conferences/ workshops/ seminars/ symposia organized by the Department.

- The Department had organized a National conference on Ethnobotany, Biodiversity and conservation. 18th to 19 Jan. 2003.
- The Department has organized an intercollegiate Seminar completion for B. Sc. III students. 10th January 2008.
- Evaluation methods:
- To evaluate the student's performance, regular unit tests and annual test examination (both in theory and practicals) are conducted.
- Quiz, Seminars and group discussions are encouraged to evaluate student's interest in academic as well as extracurricular activities.
- The staff members also use to evaluate the students on the basis of their behavior in the classroom as well as college premises.

11. Participation of teachers in academic activities other than teaching and research:

- All the members of departmental faculty has active participation in various co-curricular and extra curricular activities of the college. They have worked as member of several committees for organizing conferences, seminars, youth festival, sports meet and other cultural activities.
- Mr. D. G. Bhadange is Dean, of the science faculty, SGB Amravati University and also the Chairman of Board of studies in Botany and RRC. He is member of several other important committees like Academic council, SENATE, BUTR, BOE & CAP, Special Exam committee. He is also the member of Maharashtra State Board of Secondary and Higher secondary Education, Pune (MS).
- Mr. D. G. Bhaange had chaired several functions including inauguration and Prize distribution ceremony of National Conferences, Seminars, workshops and symposium etc. at various institutes of the region.
- Dr. S. P. Rothe is honorary taxonomist for social forestry department of Akola and Washim District. He has also delivered several subject related speeches at various workshops.
- Dr. P. S. Kokate is working as the District co-ordinator of NSS for Amravati University, also as member of NSS advisory committee to the Vice- Chancellor of SGB, Amravati University, Amravati.
- All other staff members are working as members of various committees of SGB, Amravati University, Amravati for paper setting, valuation, moderation and practical examination.
- Dr. S. P. Rothe and Dr. S. S. Suradkar are the Paper setters and Ph. D. referees at other Universities.

Research activities:

M. Phil Dissertations : 08
Ph. D. Students : Awarded: 02
- Mr. M. B. Bobade
- Mrs. P. S. Kokate
Registered: 06
- Mr. P. N. Pawade
- Miss. Sanchayika Sarode
- Mr. Nafees Iqbal
- Mr. Syed Imran
- Miss. Rupali Shirsat
- Mr. Mohnish Bokhad

Recognized Guides : 02
: Dr. S. P. Rothe
: Dr. S. S. Suradkar

12. Research papers published:

- Badere, R. S., Koche, D. K. and Choudhary, A. D. (2002) Regeneration through multiple shooting in *Vigna radiata*. *The J. Cyto. Genet.* Vol-3 (NS), 185- 190
- A. D. Choudhary and D. K. Koche (2005) Plant pathogen interaction and plant defense responses at biochemical level, a review. *Bioinfolet*, 2(3): 147-155.
- Deepak Koche and Arvind Choudhary (2005) Elicitor induced expression of b-1,3 glucanase and chitinase genes in *Vigna radiata* (L) Wilczek. *Bionature*, 25 (1&2): 69-74.
- Koche, D. K. and Choudhary, A. D. (2006) In vitro induction of latent defense potential genes in CLS susceptible mungbean cultivar- Kopergaon by *Adathoda zeylanica* leaf extract. *Bioinfolet* 3(1): 48-51.
- Koche, D. K. (2006) Screening of ecopotent morphological plant types from mutagenized mungbean population, *J Phytological research* 2 (1): 25-27
- Koche, D. K. et al (2008) Ethnomedicinal survey of Nagzira wild life sanctuary, Dist. Gondia (MS) India, Part- I, *International Web Journal- Ethnobotanical Leaflets* (12)- 52-58
- Koche, D. K. et al (2008) Ethnomedicinal survey of Nagzira wild life sanctuary, Dist. Gondia (MS) India, Part- II, *International Web Journal- Ethnobotanical Leaflets* (12)- 532-536.
- Deepak Koche and Arvind Choudhary (2008) Selection of early flowering, high yielding and CLS resistant mutant lines from mutagenized population of *Vigna radiata* population, *International Journal of Research on Crops*, 9 (3): 666-669.
- Koche, D. K, Bhadange, D. G. and Shirsat, R. P. (2009) Preliminary phytochemistry and antimicrobial activity of *Pterocarpus* sp. *OAJMP*, 1 (1) : 5-7.
- M. Musadiq and D. G. Bhadange (2003) Antibacterial activities of some angiospermic plants., *J. Microbe. World*, 5 (3): 25-27.
- R. E. Bhadange, D. G. Bhadange et al. (2008) Synthesis of newly synthesized aurones, *Oriental J. of Chemistry*. 17 (3): 525-526.
- A note on occurrence and distribution of certain flowering plants from Marathwada., *J Eco. Tax. Bot.* 7 (1) (1985)
- Some noteworthy plant record of Marathwada., *J Eco. Tax. Bot.* 8 (1) (1986)
- Vegetation of Gomati River., *Ind. Bot. Report*, 5 (2): 123-125 (1986)
- Teratological observations in two species of *Corchorus* (Tiliaceae) Marathwada, *Current Sci.* 22: 1107-1109 (1987).

- Distribution and plantation of ornamental plants in Akola District. Biojournal 13(2) (1989)
- New records from Akola District. J Eco. Tax. Bot. 12(1) (1998)
- A note on occurrence of *Datura ferox* L in Vidarbha region of Marathwada, J Eco. Tax. Bot. 13 (1) (1989).
- Enumeration of euphorbiaceae from Khandesh. Biojournal 14(1) (1990).
- A survey of common weeds of Kharif and Rabi crop fields from Akola District of Vidarbha region. J. of Sci- Ray foundation (1997)
- Immigration and naturalization of exoic plants in Katepurna wild life sanctuary of Akola District. Van-Jaour (1998).
- Medicinal and economically important plants species of Papilionaceae from Amravati tehsil. J Eco. Tax. Bot. (1999)
- Noteworthy plant records of Akola District. Van Journal (2000)
- Preliminary observations on vegetation of Beed District. Eco. Env. & Cons. 3(3-4) : 183-187 (2001)
- New addition to flora of Yaotmal District of Vidarbha region of Marathwada, Biojournal (2001).
- Ethnomedicinal study from Melghat tribal region of Amravati District. J Eco. Tax. Bot (July 2001)
- Preliminary survey of ethnomedicinal plants from Katepurna wild life sanctuary of Akola District. J. of Asiatic soc. (2002).
- Some Noteworthy plant records from Akola District . J Eco. Tax. Bot. (2002).
- Exotic medicinal plants from west Vidarbha of Maharashtra. Indian forester (2004).
- Ethnoveternary plant records from tribal region of Sathpuda range. Bioinfolets 2 (2): 141 (2005)
- Screening of some plant extracts for antimicrobial activity. Asian J. Micro. & Biotech. 7 (4): 755-758. (2005)
- Ethnomedicinal plant record from Satpuda tribal region of Akola District (MS) J. Eco. Tax. Bot. (2005).
- Antimicrobial activity of *Argemone mexicana* L. Bioinfoletes 3(3) 188 (2006)
- Antimicrobial activity of green tea leaves., Bioinfolets 3 (4) (2006)
- Isolation of *B. thuringensis* from ecosystems of central India. Intl. J. Mendel (2008)
- Antimicrobial activity of *Datura* species. Plant diseases. Vol- II (2008).
- Delapidated flora of Mukhed tehsil from Marathwada region. Bioinfolets (Dec. 2009).
- A survey of economically important plants from west vidarbha region. Vigyan Project News letters. (Dec. 2009).
- Some noteworthy plant records from Akola District. J. Tax. Eco. Bot. (Oct. 2009).
- Antifungal activity of *E. hirta*. J. of Micro. World. (2009)

Papers presented in conferences:

Name of Teacher	Presented in	Title of the paper
Dr. S. S. Suradkar	State level Seminar on Recent research trends in Botany. Late PR Ghogre college, Dhule (21/03/1988)	Anatomy in relation to taxonomy (sapibdaceae & anacardiaceae)
	Silver Jubilee conference of IBS, MJP Rohilkhand University Bareilly (27-29/10/2002)	Taxonomic significance of <i>S. anacardium</i>
Dr. P. S. Kokate	International conference on plant science with special reference to biodiversity & Conservation;	--

	PGTD of Botany, Amravati University, Amravati (17-20/02/2005)	
	National conference on Modern approaches & innovations in Biotech & Biodiversity conservation; Dept. of Biotech & Biological Sciences, Shri Shivaji Science College, Amravati (MS) (28-30/01/2007)	--
Dr. D. K. Koche	International conference on plant science with special reference to biodiversity and conservation; Dept. of Botany, Amravati University, Amravati (17-19 Feb. 2005).	Mutagen induced diversity in <i>Vigna radiata</i> (L) Wilczek
	XXV Annual conference of IAAT; Dept. of Botany, Nagpur University, Nagpur (19-20th Oct. 2005).	Ethnomedicinal survey of Nagzira wild life sanctuary (MS)
	XXIX All India botanical conference; Department of Botany, Mohanlal Sukhadia University, Udaypur, Oct. 9-11, 2006	In vitro induction of latent ----- <i>Adathoda zylanica</i> leaf extract.
	National Conference on Modern Approaches and Innovations in Biotechnology and Biodiversity Conservation; Shri Shivaji Science College, Amravati, (28 – 30 Jan 2007)	Two Euphorbians having antimicrobial ----- Pathogenesis related (PR) proteins in <i>Cicer</i>
	A national Seminar on Recent trends in teaching basic and applied sciences; Phulsingh Naik College Pusad (MS) (3rd Jan 2009)	Three basics of teaching sciences ----- current scenario

Research projects

Research projects completed (2004-2009): 04

Name of PI	Project title	Major/ Minor	Funding agency	Sanction amount
Dr. S. P. Rothe	Changing pattern of Biodiversity in Akola District	Minor	UGC	75,000/-
Dr. S. S. Suradkar	Anatomical investigation in some Sapindales	Minor	UGC	65,000/-
Dr. D. K. Koche	Immuniostimulent activity of some plant derived elicitors in <i>Vigna radiata</i>	Minor	UGC	75,000/-
Dr. D. K. Koche	Preliminary phytochemistry and antimicrobial activity of some lamiaceae members	Minor	UGC	1,30,000/-

Research Projects Ongoing : 05

Name of teacher	Project title	Major/ Minor	Funding agency	Sanction amount
Dr. S. P, Rothe	Digitalized inventory of medicinal plants (Akola and Washim District)	Major	RGSTC	17,00000/-
Dr. D. K. Koche (PI) Mr. D. G. Bhadange (Co-	Search for bioactive phytochemicals and in vitro regeneration studies of some lamiaceae members having ethnomedicinal values	Major	UGC	11.08300/-

IP)				
Dr. S. S. Suradkar	Ethnomedicinal survey of Katepurna wild life sanctuary	Minor	UGC	1,10,000/-
Dr. P. S. Kokate	Palaeoenvironmental study of the flora of Deccan Intertrappean Beds of some new fossiliferous locations in Buldhana District.	Minor	UGC	60,000/-
Dr. V. S. Dandge	Morphophysiological studies of some members from class Deuteromycetes and their mechanism of biological control	Minor	UGC	60,000/-

Books published by the staff members:

Dr. S. P. Rothe (Co-author)

- Flora of Marathwada (Amrut Prakashan, A'bad MS.)
- Aquaculture in Botany
- Medicinal plants of India

13. Participation of the staff in extension activities:

- Dr. S. P. Rothe delivered a speech to farmers on medicinal plant cultivation and their marketing in Feb. 2009.
- Dr. S. P. Rothe is currently working as honorary taxonomist to the social forestry division of Akola and Washim District and also give the information on various aspects of plant to the trainees of forest department.
- Dr. P. S. Kokate is the coordinator for NSS to the SGB University, Amravati and visited several NSS camps of various colleges in different villages. He also extend the knowledge of medicinal plants and other aspects related to the subject.
- Prof. D. G. Bhadange, being The Dean, faculty of science, is honorable invitee in various institutes to deliver the lecture on various subject related topics. He has currently visited the UK and collected the information on pitcher plants and use to deliver the same information in various relevant occasions.
- Along with plantation and campus beautification, the UG students are also engaged in other subject extensions like. Some students collected the information of medicinal plants and explain to the secondary and higher secondary students of various schools and junior colleges in the city.
- All faculty members actively guide the students of various secondary and higher secondary education institutes in the city for the projects.

14. Achievement of students during last five years:

- Mr. Umesh Raut and Mr. Nilesh Takur B. Sc. III students Presented their poster in university level intercollegiate poster competition organized by Shri Shivaji College, Akot; and awarded with 1st Prize. (January 2006)
- Miss. R. P. Shirsat (M. Sc. II) Presented a poster in the National conference on Modern approaches & innovations in Biotech & Biodiversity conservation organized by Shri Shivaji Science College, Amravati (28-30 Jan 2007)
- Mr. Syed Imran (M. Sc. II) Presented a paper in the National conference on Modern approaches & innovations in Biotech & Biodiversity conservation organized by Shri Shivaji Science College, Amravati (28-30 Jan 2007)

- Mr. D. A. Tiwane and Mr. S. S. Sharma (M. Sc. II) Presented a poster in the national seminar held at Dept. of Botany, LAD college Nagpur and awarded 3rd prize for their presentation (2008).

15. Achievement of staff members during last five years:

- Dr. D. K. Koche, Awarded under young scientist category for his presentation in ICPSBC-05, Organized by Department of Botany, Amravati University, Amravati (17-20 Jan 2005).
- Dr. S. P. Rothe awarded for his best paper presentation in National seminar organized by Dept. of Botany, BAMU, A'bad (MS). (2008).
- Mr. D. G. Bhasange, Head of the Department is working as Dean of Science faculty, SGB, Amravati University, Amravati Since Dec. 2009.
- Dr. P. S. Kokate is appointed as District Coordinator of NSS for Akola District by the SGB, Amravati Univeristy. She is also working as member of District Youth Affairs and Sports Committee, Akola District.
- Each faculty member of the department is working on MRP sponsored by UGC.
- Department has completed 04 Minor research projects during 2005-2009.
- Currently 04 Minor Research Projects and 02 Major research projects are ongoing in the Department.
- The faculty members of the Department have more than 40 research papers to their credit.

16. Plan of action for next five years:

- To improve the results of UG classes.
- To improve the instrumentation facility for UG, PG and Research.
- To improve the Library facility inclusive of online reference work.
- To improve the laboratory infrastructure and sophistications.
- To improve the Laboratory facilities to practicize, phytochemistry, molecular biology, tissue culture, fungal culture, taxonomy and Biodiversity.

17. Important alumni of the Department:

Sr. No.	Name of Alumni	Present post	Last pass from the Department
1	Mr. ShivkumaR Tale	Sr. Lecturer in Geology	B. Sc.
2	Mr. Sanjay S. Deshmukh	Field Officer, Apex chemicals.	B. Sc.
3	Ku. Vijaya Thote	Lecturer in B. Ed. College, Karanja Lad.	B. Sc. M. Sc.
4	Ku. Sanchayika Sarode	Sr. Clerk, Zilla Parishad, Bhandara.	M. Sc.
5	Ku. Suvarna Dhore	Lecturer in B. Ed. College, Kaneri Sarap.	M. Sc.
6	Mr. Umesh Sarap	Jr. Lecturer, Z. P. Jr. College, Dharni.	M. Sc.
7	Mr. Ananta Vaishanv	Jr. Lecturer, Bharat High school & Jr. College, Akola	M. Sc.
8	Mr. Shaikh Wasim	Jr. Lecturer, Z. A. College Malkapur	M. Sc.
9	Mr. Shrikrushna Gawande	Teacher, At High school, Kutasa.	M. Sc.
10	Mr. A. V. Padghan	Sr. Lecturer, at GS Science college, Khamgaon	B. Sc.

11	Ku. U. R. Kokate	Sr. Lecturer, Arts, com. & Science college, at Chikhaldara	M. Sc.
12	Mr. Mustaque Khan	Analyst, Glaxo Pharma, Goa. At. Hatrun, Ta- Barshitakli, Dist. Akola	B. Sc. M. Sc.
13	Ku. L. R. Charkhe	Lecturer in B. Ed. College, Kaneri Sarap	M. Sc.
14	Ku. Poonam Kalantri	Teacher, in Residensial school, Khamgaon	M. Sc.
15	Ku. Smita Thote	Project Officer, Dharni	B. Sc.
16	Ku. Kanchan Thorat	Lecturer, Science college, Balapur	M. Sc.
17	Ku. Archana Mule	Tahsildar, Barshitakali Tahsil, Dist. Akola	B. Sc.
18	Dr. S. K. Bhagat	Reader, in Chemistry, Shri Shivaji College, Akola	B. Sc.

18. Any other highlights:

- The Department is 45 years old and still running successfully.
- The sufficient infrastructure, separate, UG, PG and Research labs and qualified teachers make prominent features of this Department.
- The Departmental faculty actively engaged in the research and completed 04 minor research projects, published over 20 research papers (Since 2004) and 04 minor and 02 Major research projects are in progress.
- Mr. D. G. Bhadange, is working as Dean, faculty of Science, SGB, Amravati University, Amravati.
- Dr. Ms. P. S. Kokate is appointed as the NSS coordinator of Akola District and member of NSS advisory to Vice chancellor of SGB, Amravati University.
- The Department has comparatively good academic record with active participation of students in University, State level & National seminars and conferences.