

**SANT GADGE BABA AMRAVATI UNIVERSITY  
AMRAVATI**



**ANNUAL QUALITY ASSURANCE REPORT  
(JULY 2008 – JUNE 2009)**

**SUBMITTED TO THE  
NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL,  
BANGALORE**

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## ANNUAL QUALITY ASSURANCE REPORT

**Name of the Institution** : Sant Gadge Baba Amravati  
University  
**Year of the Report** : July 2008 – June 2009

### PART A

**What is the plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and what is the out come by the end of the year?**

**For quality enhancement, following action plan was chalked out for July 2008- June 2009 by the IQAC in the beginning of the year.**

#### 1) CURRICULAR ASPECTS.

- a) To start online admissions in the University campus.
- b) To make efforts to enhance job orientation of existing courses for the benefit of students.
- c) To lay more emphasis on rural awareness enhancement programmes and women empowerment oriented programmes.
- d) To submit proposal under career oriented programme innovation and interdisciplinary diversified thrust areas of UGC.
- e) To implement Choice based Credit Grading System in Applied Electronics and Bio-Technology

#### 2) TEACHING, LEARNING AND EVALUATION.

- a) To make efforts to start online teaching-learning programme in selected areas
- b) To make efforts to establish MoU with various Universities and institutions to start collaborative teaching, learning and evaluation programme.
- c) To start continuous evaluation system in the existing P.G./U.G. courses.
- d) To make efforts to adopt modern teaching methods such as interactive teaching, e-learning techniques and establish virtual classroom.
- e) To introduce semester system in the remaining P.G. courses of the University.

**3) RESEARCH, CONSULTANCY AND EXTENSION.**

- a) To orient the research activities towards solving problems of rural society and to focus on rural employment.
- b) To develop low cost and energy efficient LED lighting modules with a view to replace Kerosene lamps used in villages
- c) To enhance the existing research facilities for P.G./ M.Phil and Ph.D. students.
- d) To make efforts to submit major research projects/post doctoral schemes to various funding agencies.
- e) To establish linkages with researchers, institutions and industries in India and abroad.
- f) To make efforts for generating financial resources through consultancy services.
- g) To effectively implement the new and existing rural growth based community oriented extension activities with the involvement of university students-staff and local people.

**4) INFRASTRUCTURE AND LEARNING RESOURCES.**

- a) To promote the use of online open learning resources available on the web by the various university teaching departments
- b) To make efforts at improving the existing infrastructure and learning resources of various teaching departments.
- c) To add concerned e-books in the departmental libraries
- d) To upgrade the infrastructure facility in the central library including digitization.
- e) To make efforts to increase the existing hostel facility for boys/girls and research scholars.

**5) STUDENT SUPPORT AND PROGRESSION.**

- a) To encourage various student support and progression activities like student support centre run by students with various facilities like general store and cyber cafe.
- b) To make efforts to upgrade existing IAS coaching centre, NET guidance centre and employment guidance cell.
- c) To start post-result services centre for students by making available various facilities and formats on University website like those for degree verification, mark sheet verification, issue of transcript.

- d) To make efforts to have vibrant Alumni and parent-teacher associations.

## **6) ORGANIZATION AND MANAGEMENT.**

- a) To make efforts to have better placement facilities.
- b) To encourage entrepreneurship in general and women entrepreneurship in particular.
- c) To organize and manage various programmes to help rural people for joining the national main stream.
- d) To make efforts to start student and faculty exchange programmes at national & international level.
- e) To improve the academic and administration performance of the institution by organizing national/international seminars/meetings with principals and management.
- f) To organize various training programmes for academic and administrative staff to enhance the work quality in the University.

## **7) BEST PRACTICES.**

- a) To start various healthy practices like Thought for Knowledge (Jigyasa), Skill-Will Club, Tutor-Ward System etc.
- b) To encourage environment friendly cleanliness programme in the entire campus.
- c) To encourage rainwater harvesting and artificial recharge programmes for improving the groundwater level of the campus.
- d) To organize various camps, work shops to promote and explain the latest available technology for the benefit of common person in rural areas.
- e) To make efforts to start Day Care Centre for the infants of university employees.
- f) To start various activities of increasing family involvement of University employees like children film club, annual gathering etc.
- g) To establish Disaster Management Cell consisting of staff and students of the University.
- h) To establish Humanity Services Centre in the University for helping the poor people.
- i) To organize the visit of school-students and common people to University campus to promote awareness regarding academic and related activities of the University.
- j) To establish Retired Teacher Forum.

## The outcomes of the action plan chalked out by IQAC by the end of the year

1. The university has organised –
  - Seminars/workshops :23
    - International level 02
    - National level 07
    - State level 02
    - Regional level 01
    - University level 10
    - Department level 01

Efforts are made to complete the computerization of work relating to the examinations, administrations, finance section and Central Administrative Services Unit.
2. The University has 17 Certificate/ Diploma courses at U.G. & P.G. level. Two years P.G.Diploma in Yoga Therapy, one year P.G.Diploma in Human Rights & Value Education, as well as 18 M.Phil. courses (Vacational) Details are given in Part-B at Sr.No.2.
3. The University has also made some innovations in curriculum design & transaction. Details are given in Part-B at Sr.No.3.
4. The university has computerised all university examination (Pre & Post) work. The university is providing all results & prescribed printed forms on the University Website.
5. Number of NET/ SLET qualified candidates have been increased.
6. The university has taken the initiative towards the Faculty Development Programme.
7. 27 Major Research Projects have been awarded to the faculty members from the various funding Agencies and the work of projects have been started. Also 24 projects have been completed during the period.
8. Some university departments have established new collaboration with National /International Institutions.
9. The university has received Rs.2,57,74,500/- Research Grants from various funding Agencies. (Please see Sr.No.12)
10. The university Teaching Departments are engaged in Research. Details are given at Sr.No.13.
11. The university faculty members have been awarded by National level awards as well as appointed on various Committees.
12. The university has generated internal resources of Rs. 2,53,20,062/-- from different sources.

13. The university received Rs. 76,09,000/- from AICTE/ DST/ DBT. (Please see Sr.No.17)
14. The university, N.S.S., teaching departments have organised number of lecture series and extension activities. Details are given at Sr.No.18.
15. The university Library has improved its infrastructure & equipments facilities.
16. The university has started providing approx. 4000 online full text journals under UGC Infonet consortia.
17. The university has improved its computerization facilities to the students, Research scholars, Staff.
18. The university has increased infrastructure facilities by constructing number of building and purchasing equipments costing Rs.3,11,40,000/- And Rs. 97,97,905/- (Please see Sr.No.27 & 28)
19. The university has upgraded the technology by procuring latest Software & Hardware. The internet & Broadband facilities have been provided to the students, Research scholar and teachers.
20. The university has provided Rs.1,26,98,412/- financial aid to the students. (Please see Sr.No.30)
21. The university students bagged medals in various games at University, State and National level.
22. The university administrative officers were nominated to attend the Conferences, Seminars, Workshops etc.
23. The university has started number of Best Practices. Details are given at Sr.No.40.
24. The university has developed several linkages with National/ International academic research bodies.

## **PART - B**

### **1. Activities reflecting the goals and objectives of the institution:**

The activities reflecting the goals and objectives of the institutions are as follows;

- 1) Organization of Conferences/Workshops/ Seminars/Symposium for upgradation of knowledge.
- 2) Computerization of administrative work.
- 3) Upgradation of curricula.
- 4) To get sanctioned Major and Minor Research Projects from various funding agencies.
- 5) Upgradation and digitization of Library.
- 6) Community oriented extension activities.
- 7) Development of infrastructural facilities.
- 8) Generation of resources.
- 9) Upgradation of technology.
- 10) To encourage the students for participation in sports.
- 11) Preparation of students for various Competitive Examinations.

### **2. New academic programmes initiated (UG and PG):**

- A) Certificate/Diploma/Advance Diploma Courses for affiliated colleges.
1. E-Commerce
  2. World Trade
  3. Vermipost
  4. Food Science & Quality Control
  5. Fruits and Vegetable Preservation
  6. Child Care and Welfare
  7. Hotel Management
  8. Insurance and Banking

#### **B) Certificate/Diploma/Advance Diploma Courses for University Departments**

- i) Two years P.G. Diploma in Yoga Therapy.
- ii) PG Diploma in Human Rights and Value Education

- iii) Vacational M.Phil. Courses. (English, Marathi, Hindi, Sanskrit, Economics, Political Science, History, Geography, Mathematics, Chemistry, Physics, Zoology, Botany, Statistics, Home Science, Education, Physical Education, Sociology)

**3. Innovations in curricular design and transaction:**

Sr.No.	Course/Subject
1	M. Sc. (Applied Electronics)
2	B.Tech. (Cosmetics)
3	B.Sc. I, II & III
4	B.Com. I, II & III
5	M.Com.
6	MBA
7	BBA –I
8	B.E. (Civil, Mechanical, Computer Science, Information Technology)
9	B.Arch.
10	B.Tech. (Chemical Engineering)

**4. Inter-disciplinary programmes started : Nil.**

**5. Examination reforms implemented:**

All kind of examinations work are computerized (pre & post examination). Examination results are displayed on University website. Information of students (categorywise) admitted, appeared and successful is also provided. The following prescribed application forms are also made available on University Website.

- a) Duplicate Marklist
- b) Original Degree Certificate
- c) Degree in absentia
- d) Attempt Certificate
- e) Migration Certificate
- f) Redressal/Xerox Copy of Answer Book

**6. Candidates qualified: NET/SLET / GATE etc. – Total numbers : 53**

Sr.No	Name of the Student	Department	Exam.	Year
1	Ms Priti Dharmale	Home-Science	NET	2008-09
2	Ms Rupali Korade	Home-Science	SET	2008-09
3	Ms Jaisheela Manwar	Home-Science	SET	2008-09

4	Indarchand Gupta	Biotechnology	NET ( JRF)	2008-09
5	Pritish Tidke Manoj Somkuwar	Biotechnology	NET	2008-09
6	Rahul P.Bhagat Madan Junghare, Geoby George	Biotechnology	GATE	2008-09
7	Ashwin Lunge Piyush Khandelwal	Biotechnology	GATE	2008-09
8	Sanjay Rathod Sarang Talwelkar	Biotechnology	GATE	2008-09
9	Pritish Tidke Manoj Somkuwar	Biotechnology	GATE	2008-09
10	D.S.Vanzare	Chemical Technology	GATE	2008-09
11	R.R.Rathod	Chemical Technology	GATE	2008-09
12	D.P.Duswat	Chemical Technology	GATE	2008-09
13	Ku. Sujata Naik	Sociology	NET	2008-09
14	Shri.Prashant V. Vighe	Sociology	NET	2008-09
15	Shri.Prashant S. Bhagat	Sociology	NET	2008-09
16	Ku. Mamta V. Mandale	Sociology	NET	2008-09
17	Shri.S. M. Hadole	Sociology	NET	2008-09
18	Shri Santosh P. Wankhade	Dept of Law	NET	2008-09
19	Shri D.V. Harne	---do---	NET	2008-09
20	Shri Vinod V. Patil	---do---	NET-JRF	2008-09
21	Shri U.S. Aswar	---do---	NET-JRF	2008-09
22	Sagar Narkhade	Physical Ed.	S.E.T.	2008-09
23	Rupali Tone	Physical Ed.	S.E.T.	2008-09
24	Rajiv Kumar	Physical Ed.	N.E.T.	2008-09
25	Mangla Ramteke	Physical Ed.	S.E.T.	2008-09
26	Savita Kene	Physical Ed.	S.E.T.	2008-09
27	Bhabesh Singh	Physical Ed.	S.E.T.	2008-09
28	Sandeep Rana	Physical Ed.	S.E.T.	2008-09
29	Vinod Kapale	Physical Ed.	S.E.T.	2008-09
30	Shri D.B.Rasale	Chemistry	NET	2008-09

31	Shri U.S.Shelke	Chemistry	NETJRF	2008-09
32	Shri S.M.Chavan	Chemistry	SET&GATE	2008-09
33	Shri M.E.Shirbhate	Chemistry	GATE	2008-09
34	Shri R.R.Jadhao	Chemistry	GATE	2008-09
35	Shri R.G.Gajbhiye	Chemistry	GATE	2008-09
36	Ku.S.S.Wagh	Chemistry	SET	2008-09
37	Shri H. A. Dabhane	Chemistry	SET	2008-09
38	Mr. Prafulla Chawande	Library & Information Science	SLET	2008-09
39	Ku. Pradnya Ramteke	Library & Information Science	SLET	2008-09
40	Ku. Rajashri Wagh	Library & Information Science	SLET	2008-09
41	Ku. Sushma Kamble	Library & Information Science	SLET	2008-09
42	Ku. Leena Puppalwar	Library & Information Science	SLET	2008-09
43	Mr. Nitin Chaware	Library & Information Science	SLET	2008-09
44	Ku Vaishali Mankhair	Education	NET	2008-09
45	Shri Ramesh Khawale	Education	NET & SLET	2008-09
46	Ku Vaishali Raibole	Education	SLET	2008-09
47	Shri Gokul Damare	Education	NET & SLET	2008-09
48	Sh.B.B.Lavhale	Physics	GATE	2008-09
49	Ku. Arti Guddhe	Hindi	SLET	2003
50	Shri Bharat Jawanjad	Hindi	NET	2009
51	Shri Sunil Mawaskar	Hindi	NET	2009
52	Ku. Kalyani Baisare	Hindi	NET	2009
53	Mr. R. S. Shinde	Zoology	NET	2009

**7. Initiative towards faculty development programme:**

**No. of F.I.P. joined : 02 in the Dept of Computer Science (M. P. Dhore, Mrs. S. S. Sherekar)**

Ph.D. awarded to the faculty of Dept of Botany: Shri Prashant A. Gawande, Lecturer

**8. Total number of seminars/workshops conducted – Total Nos. : 23**

**International: 02**

**National: 07**

**State Level: 02**

**Regional: 01**

**University: 10**

**Dept: 01**

Sr.No	Events	Organized by	Level	Date
1	National Symposium	Department of Home Science	National	19-20 Feb 2009
2	i) Training Program on Bioinformatics “Data Analysis of Genes and Proteins “., ii) Short-Term Training Course on “Techniques in Genetic Engineering” iii) Training program on Application of Bioinformatics in Computational Biology	Department of Biotechnology	National  National  National	September 5 -7, 2008.  February 15 -21, 2009.  March 2- 4, 2009
3	Jagatikaran Marathi Bhasha Sahitya Va Sadyasthiti	Dept of Marathi	International	December 20-21, 2008
4	a) Exhibition and Seminar competition on “Topology” for P.G students . b) Total Solar Eclipic (TSE-2009) two day workshop c) One day workshop on the occasion of birth anniversary of “Shrinivas Ramanujam”	Department of Mathematics  Department of Mathematics  Department of Mathematics	University  National  University	. 07/03/2009  13-14 June 2009  22 Dec 2009
5	Workshop on Career Guidance	MBA Dept.	University	6 March 2009
6	Seminar on Environment and Sustainable	Jointly Organised by MBA	University	6 June 2009

Sr.No	Events	Organized by	Level	Date
	Development	Department of SGB University and Vidyabharthi Mahavidyalaya		
7	Workshop for the SLET and NET Preparation	Department of Education	Department	27.11.2008 to 28.11.2008
8	Seminars	Department of Education	University	During August 2008 to January 2009
9	Two Days national Seminar on 'Changing Dimensions of Human Rights'	P.G. Department of Law, Sant Gadge Baba Amravati University, Amravati	National	14-15.03.2009
10	CLEP – Continuous Legal Educational Programme for Junior Lawyers	P.G. Teaching Department of Law, Sant Gadge Baba Amravati University, in Collaboration with Bar Council of Maharashtra & Goa	Training Programme for the Lawyers of Maharashtra having less than 7 years of lawyering experience	02.06.2009 to 07.06.2009
11	Workshop for principals of Engg Colleges	Deptt of Computer Science & MKCL	University	7,8 Mar 09
12	Training program for Non Teaching Employees	Deptt of Computer Science	University	9,10 may 09
13	Training program for Non Teaching Employees	Deptt of Computer Science	University	26 Nov – 02 Dec 2009 10-16 Dec 2009
14	National Seminar 'Rastrakavi Ramdharisingh Dinkar Ke Kavya Main Abhivyakt Samjik Chetana'	Hindi Dept.	National	24-24, Dec. 2008

Sr.No	Events	Organized by	Level	Date
15	Translation Workshop 'Marathi se Hindi Anuwad ki Samasyaye'	Hindi Dept.	State	23-24, Feb. 2009
16	Two days workshop on hand made conversion at Department of Chemical Technology SGB Amt.Uni.	Department of Chemical Technology	University	7-8 March 2009
17	Employment Opportunities in Geology	Department of Geology	Regional	19.12. 2008
18	SET Guidance cum Workshop	Department of Chemistry	University	6-8 <sup>th</sup> February 2009
19	International Training Programme in Environmental Education with special reference to Tiger	Dept of Zoology	International	Nov. 2-20,2009

## 9. Research projects.

### i) Newly implemented :

Sr. No	Name of Teacher	Project title	Agency / Period From – To	Total Outlay	Status of Project
1	Dr Mrs M.PKale	Transfer of Soyabean processing technology amongst rural women through participatory approach	DBT, New Delhi ( 2006-2011)	10,90,000	On going
2	Dr Mrs A G Mane	Adoption behaviour of youth of weaker section about oyster mushroom cultivation technology	DBT, New Delhi (2006-2009)	09,98,000	On going
3	Dr. P.A. Wadegaonkar	Process development for production of <i>Artemisinin</i> through root organ culture of <i>Artemisia annua</i>	DRDO, LSRB- 103 / FS/2006	Rs. 9,96,000/-	On going
4	Dr. P.A. Wadegaonkar	Studies on Isolation and Identification of apoptosis inducer as a novel cancer therapeutics from herbs.	UGC	10,20,800/	On going
5	Prof M. K Rai (PI) and A. K. Gade (Co-PI)	Rapid identification and evolutionary relationship of selected Indian species of <i>Phoma</i>	UGC	Rs. 8,35,800	On going

Sr. No	Name of Teacher	Project title	Agency / Period From – To	Total Outlay	Status of Project
		by using RAPD-PCR and ITS-rDNA sequencing			
6	Mr S.D. Kove	Construction and Analysis of Metagenomic library of Lonar Crater	UGC	Rs 97,000	On going
7	Mr. A. K Gade	Extracellular Biosynthesis of silver Nanoparticles by using different <i>Phoma</i> sp.	UGC	Rs. 90,000/-	On going
8	Prof M. K Rai (PI) and A. K. Gade (Co-PI)	Screening of different <i>Fusarium</i> species for synthesis of silver nanoparticles and their potential for development of novel antimicrobial agents	DST	11.71 lakhs	On going
9	Prof M. K Rai (PI) and A. K. Gade (Co-PI)	Mycosynthesis of Silver Nanoparticles for the Development of Novel antimicrobials	Rajiv Gandhi Science and Technology	32.20 lakhs	On going
10	Prof. M. K Rai (PI) and A. K. Gade (Co-PI)	Rapid detection of Toxigenic species of <i>Fusarium</i> secreting T-2 toxin.	DRDO	14.90 lakhs	On going
11	Dr. A. S. Patil	Development of mutants of <i>Trichoderma</i> sp. Using U.V. radiation and protoplast fusion; Determination of their antifungal, Biochemical and physiological features	UGC (Under Research Award Scheme)	03.00 lakhs + 2 year fellowship	On going
12	Dr. A. S. Patil	In vitro production and optimization of antimicrobial secondary metabolite i.e. passicol from <i>Passiflora</i> sp.	DST (Fast Track)	19.53 lakhs	On going
13	Prof. M. K Rai (PI) and A. K. Gade (Co-PI)	Diversity of endophytic fungi in selected medicinal plants of Melghat region.	Ministry of Environment and Forest	16.55 lakhs	On going
14	Dr.V.S.Sapkal	FIST Programme	DST, New Delhi 2008-2013	Rs.44.09 lakhs	On going
15	Dr.V.S.Sapkal Dr.R.S.Sapkal	Studies on Evaluation of Membrane distillation for concentration for orange juice and pharmaceutical products	MRP of University Grant commission New Delhi 2008-2011	Rs.9.04 lakhs	On going

Sr. No	Name of Teacher	Project title	Agency / Period From – To	Total Outlay	Status of Project
16	Dr G L Gulhane	Educational Problems of Tribal Students at Primary School Level in Melghat Area of Maharashtra". (In progress)	UGC (2008-2010)	Rs. 1,40,000	Implemented on 1.2.2009
17	Dr G L Gulhane	Dr Babasaheb Ambedkar's Vision on Educational Development of the Schedule Caste Children: A Study in the Slum Areas of Amravati City.	Dr Babasaheb Ambedkar Study Centre, Sant Gadge Baba Amravati University (2009-2010)	Rs.15,000	Implemented on Oct.2009
18	Dr. B.H. Pawar	Development of Nanostructure material by pulse laser deposition	DRDO, New Delhi (2006-2010)		Implemented on Feb,2009
19	R. Singh	Charecterization of Some SRGM and Estimation of Parameters	UGC (2009-2012)	5,93,000/-	Implemented on 1.5.2009
20	Sh.K.U.Raut & Dr.K.B.Nayak	Farmers'/Peasants' Suicide in Vidarbha Region of Maharashtra : A Sociological Study	UGC, New Delhi (2007-2009)	3,84,400/-	Ongoing
21	Dr.K.B.Nayak	Poverty and Starvation Deaths : An Interdisciplinary Study of Tribal Communities in Melghat Area of Maharashtra".	UGC, New Delhi (2009-2011)	4,38,200/-	Ongoing
22	Dr.A.S.Aswar	Asymmetric Synthesis of Enantioeriched Epoxides over Chiral Vanadium Schiff Base Complexes as Catalyst	UGC (2007-2010)	3.98 lacs	Implemented on 1.4.2007
23	Dr. S.F.R. Khadri	"Flow stratigraphy, Petrogenesis and Palaeomagnetism of Asirgarh Volcanics, Burhanpur District, Madhya Pradesh with	UGC (2009-2012)	Rs. 10.843 Lacs	Implemented on 1.3.2009

Sr. No	Name of Teacher	Project title	Agency / Period From – To	Total Outlay	Status of Project
		emphasis on search and identification of magmatic pulses for assessment of their role in the greatest mass extinctions of the earth history".			
24	Dr. V.S. Chowbe		Under Dr. Ambedkar Studies Centre, Sant Gadge Baba Amravati University, Amravati  (One year)	15000/-	Sanctioned by University
25	Prof. S.M. Bundele	' Marathi Matho mein Upalabdh Hindi Sahitya ka Samajsastriya Visleshan'	UGC ( Feb.2009-2011)	4,18,200	On going
26	Dr. Rajesh Singh (P.I.) Dr. S.R. Manik (Co-P.I.)	"Creation of expert's Directory of Life Sciences in Academic Institutes in India"	NSTMIS Division New Delhi (2008-10)	15,03,600/-	Implemented on 1 August 2007
27	Dr. G. N. Vankhede	Development of an assessment system and ecological status of rivers Satpuda	UGC	5,56,000/-	Ongoing
	TOTAL			257.745 Lakhs	

ii. **Completed :**

Sr. No	Name of Teacher	Project title	Agency/period	Total Outlay (Rs.)
1.	Dr.P.A.Pawar Mr.G.M.Hend	Development of Sorghum based Weaning Food	Ministry of Food Process and Industries, Govt. Of India	Rs. 17.42 lakhs
2	Dr.V.S.Sapkal	Modernization of Chemical Technology Laboratory	AICTE, New Delhi, under MODROB	Rs.12.00 lakhs
3	Dr.V.S.Sapkal	Innovative Programme-Teaching & Research in Interdisciplinary and Emerging Areas	UGC, New Delhi	Rs.29.0 lakhs

4	Dr.P.A.Pawar G. M. Hend	Creation of Infrastructure facilities in Food Technology as a COI (HRD – Project	MFPI, Govt. of India, New Delhi	Rs. 49.02 lakhs
5	Dr. K.B. Nayak & Shri.K.U.Raut	Socio-Economic Factors of Farmers Suicide in Western Vidarbha Region of Maharashtra : An Analytical Study	Dr. Ambedkar Studies Centre, SGBAU	Rs. 20,000=00
6	Shri.K.U.Raut & Dr. K.B. Nayak	Socio-Economic Status and Educational Aspirations of the SC and ST Students in Western Vidarbha Region of Maharashtra : An Analytical Study	Dr. Ambedkar Studies Centre, SGBAU	Rs. 20,000=00
7	Dr. S. K. Omanwar	Developing Tissue Equivalent TLD Materials for Personnel Monitoring	Atomic Energy Regulatory Board, CSRP, DAE Govt. of India 1-6-2005 to 31-7-2008	Rs.18,56,589 /-
8	Dr. S.D. Katore	Study Of Various Models In The Theory Of Gravitation	UGC- 2005-2007	30,000
9	Dr.J.A.Tidke (PI)	Management of Wild Pollinators for Higher Crop Yields	UGC, New Delhi/3 yrs	5,38,600/-
10	Dr.J.A.Tidke (PI) Dr.S.R.Manik (Co-PI) Dr.G.V.Patil (Co-PI)	Improvement of infrastructural facilities in Botanic garden and center of ex-situ conservation of rare/endemic plants.	Min. of Envir. and Forests, New Delhi/1 yr.	3,00,000/-
11	Dr.Mrs.D.D. Malkhede	Qualitative and quantitative analysis of water including toxic metal ions and other pollutants.	DST	5.10lacs
12	Dr.Mrs.D.D. Malkhede	Hexaacetato Calix (6) arene and its analogues in quantitative analysis	UGC	1,64,000/-
13	Dr. S.F.R. Khadri	"Flow stratigraphy, geochemistry & palaeomagnetism of Mandu Volcanics, Malwa Traps, MP and to develop	DST, New Delhi/ 1.7.1991-30.6.1994	02.75 lakhs

		constraints on its petrogenesis".		
14	Dr. S.F.R. Khadri	"Flow stratigraphy, geochemistry and palaeomagnetism of Bagli Volcanics, Malwa Deccan Traps, Madhya Pradesh and to develop constraints on its petrogenesis".	UGC, New Delhi/ 15.5.1998- 15.5.2001	02.49 lakhs
15	Dr. S.F.R. Khadri	"Petrology and palaeomagnetism of Deccan and to develop constraints on their petrogenesis".	UGC, New Delhi SAP(DRS) 1.1.1994 - 1.1.1999	22.00 lakhs
16	Dr. S.F.R. Khadri	"Flow stratigraphy, petrogenesis and Palaeomagnetism of Singarchori Volcanics, Malwa Traps, MP".	DST, New Delhi/ 28.9.1998- 28.9.2001	06.25 lakhs
17	Dr. S.F.R. Khadri	"Detailed Hydrogeological investigations of the Purna river basin, Maharashtra with special emphasis on the salinity problem and its environmental management".	ICAR, New Delhi/ 1.4.2002- 31.3.2005	05.758 lakhs
18	Dr. S.F.R. Khadri	"Detailed Hydrogeological investigations of the Purna river basin exposed near Akola District, M.S, with emphasis on salinity problem and its environmental management".	Unassigned grants of UGC/1.4.2000 - 31.3.2002	0.50 lakhs
19	Dr. S.F.R. Khadri	"Flow Stratigraphy and Palaeomagnetism of Darwah Volcanics, Maharashtra".	Unassigned grants of UGC/1.4.2002 - 31.3.2004	Rs. 15,000/-
20	Dr. S.F.R. Khadri	"Flow stratigraphy, Petrology, Petrogenesis of Chikaldhara Volcanics, Amravati District, Maharashtra with emphasis on stratigraphic correlations of western Ghats, Central	UGC, New Delhi/ 1.4.2005- 29.2.2008	10.01 lakhs

		Deccan and Malwa traps "		
21	Dr. A. K. Srivastava	Identification of palaeoclimatological and palaeoecological phases during the deposition of Upper Gondwana succession exposed near Achalpur fault, Satpura basin, Maharashtra	UGC (2006-2009)	10.12 lakhs
22	Dr. A. K. Srivastava	Petrology and geochemistry of glacial sediments, Schirmacher Oasis, east Antarctica	CSIR, (2006-2009).	6.48 lakhs
23	Rajesh Singh	Creation of Experts' Directory of Life Sciences in India	DST, New Delhi	15,03,600/-
24	Dr. G. N. Vankhede	Diversity of Spiders in Melghat	Dept of Forests, MTR	1,00,000/-
	TOTAL		223.86789 Lakhs	

**10. Patents generated, if any :**

Nil.

**11. New collaborative research programmes:**

Sr. No.	Name of Department	Name of Collaborative Institute	Nature of Collaboration
1	<b>Physics</b>	BARC Mumbai, IIT Powai Mumbai. NEERI, Nagpur, BARC, Mumbai & Dynolog Systems (Industry), Pune.	Exchange of knowledge and laboratory and engineering workshop facilities Reserch Work: Scheme submitted & short listed by DST, New Delhi "Developing OSL/RPL Sensors Based Instrument for radiation measurements."
2	<b>Chemical Technology</b>	NEERI Nagpur	Academic
		UICT, Mumbai	Academic & Research
		LIT, Nagpur	Academic
3	<b>Geology</b>	Laboratoire de Paléomagnétism, Institut de Physique du Globe de Paris, Place jussieu	Research collaboration with Dr. Khadri

		Université Paris 7, France.  Muséum national d'histoire naturelle - Département des Galeries 57, rue Cuvier,75231 Paris Cedex 05	Research collaboration with Dr. Khadri
4	<b>Chemistry</b>	IICT,Hyderabad	Dr.H.M.Meshram,Scientist G
5	<b>Zoology</b>	<b>American Museam, USA</b>	<b>Research and Training</b>

**12) Research grants received from various agencies :**

Sr.No.	Name of Teacher	Agency	Amount
1	Dr. B.H. Pawar	DRDO, New Delhi	Rs.14.46 Lac
2	Dr. M. K. Rai Dr. Wadegaonkar, Dr. Mrs. Patil	Rajiv Gandhi Science & Technology Commission. Mumbai	31,20,000
3	Dr. M. K. Rai Dr. Wadegaonkar, Dr. Mrs. Patil	UGC, New Delhi	48,96,700
4	Dr. M. K. Rai Dr. Wadegaonkar, Dr. Mrs. Patil	DST, New Delhi	59,55,200
5	Dr. M. K. Rai Dr. Wadegaonkar, Dr. Mrs. Patil	DRDO, New Delhi	24,80,000
6	Dr. M. K. Rai Dr. Wadegaonkar, Dr. Mrs. Patil	Ministry of Env. And Forests, New Delhi	16,55,000
7	Dr. M. K. Rai Dr. Wadegaonkar, Dr. Mrs. Patil	Science & Technology, Govt of Maharashtra	03,16,000
8	Dr. M. K. Rai Dr. Wadegaonkar, Dr. Mrs. Patil	DBT, New Delhi	24,66,000
9	Prof. S.M. Bundeale	UGC	4,18,200
10	Dr.V.S.Sapkal	DST, New Delhi	Rs.44.09 lakhs
11	Dr.V.S.Sapkal Dr.R.S.Sapkal	MRP of University Grant commission New Delhi	Rs.9.04 lakhs

Sr.No.	Name of Teacher	Agency	Amount
12	Dr. S.F.R.Khadri	UGC, New Delhi	Rs. 10.84 Lacs
13	Dr Mrs Manisha P Kale	DBT, New Delhi	4,68,000/-
14	Dr G L Gulhane	UGC, New Delhi	Rs.1,05,000
15	Dr G L Gulhane	Dr Babasaheb Ambedkar Study Centre, Sant Gadge Baba Amravati University, Amravati (2009-2010)	Rs. 15,000
16	Dr.V.M.Thakare	UGC Teaching and Research in innovative and emerging area “ e-learning and m-Learning” Lab and 1 yr PG Diploma Course	46.5 Lacs
17	Sh.K.U.Raut & Dr.K.B.Nayak	UGC, New Delhi (2007-2009)	3,84,400/-
18	Dr.K.B.Nayak	UGC, New Delhi (2009-2011)	4,38,200/-
19	R.Singh	UGC. New Delhi	5,93,000/-
20	Dr. G. N. Vankhede	Dept of Forest, MTR	1,00,000/-

**13) Details of research scholars :**

Sr. No	Name of the Department	Number of Supervisors	No. of research student working in the university department	No. of research students workin outside
1	Physics	02	14	05
2	Applied Electronics	01	10	--
3	Hindi	01	03	07
4	Biotechnology	5	24	Nil
5	Chemical Technology	2	2	10
6	Geology	02	08	Nil
7	Microbiology	01	06	00
8	Botany	03	14	Nil

Sr. No	Name of the Department	Number of Supervisors	No. of research student working in the university department	No. of research students workin outside
9	Chemistry	02	12	Nil
10	Home Science	2	2	1
11	Mathematics	02	10	Nil
12	Education	01	00	08
13	Sociology	01	01	01
14	Marathi	01	01	Nil
15	PGTD of Business Administration and Research	02	01	09
16	Statistics	01	03	-
17	Computer Science	Dr. V.M.Thakare	09	
		Dr.K.V.Kale	03	
		Dr. Sanjeev Jain	03	
		Dr. B.V.Pawar	Nil	
		Dr. N.S.Chaudhari	01	
		Dr.M.U. Kharat	01	
		Dr. R.V.Dharaskar	04	
		Dr. V.N.Chavan	03	
18	Microbiology	01	06	00
19	Zoology	02	06	Nil

**14) Citation index of faculty members and impact factor :**

Details of Research Papers published in International & National Journals are given vide **Appendix-A**.

**15) Honors/Awards to the faculty :**

Sr.No	Name of the teacher	Award/Honour
1	Dr. B.H.Pawar	Best Researcher award
2	Dr. S. K. Omanwar	Top 25 Hottest Articles Physics and Astronomy > Journal of Luminescence <b>April - June 2009 Rank-20</b>
		Top 25 Hottest Articles Physics and Astronomy > Journal of Luminescence <b>September - December 2008 Rank-20</b>
		Appointed by Governor as Member of Editorial Board Gazetteer of State of Maharashtra Govt. of Maharashtra (2006-2009)
3	Dr.S.V.Dudul	Invited to work as a Reviewer of IEEE Transactions on Neural Networks and IEEE Transactionson Instrumentation and Measurement
4	Prof. M. K. Rai	Hungarian Scholarship, 2008
5	A. K. Gade	Summer Research Fellowship- 2008 (INSA )
6	Dr.V.S.Sapkal	Nomination by UGC on Expert Committee to evaluate functioning of Deem University, ICT, Mumbai, Sept. 2009
7	Dr. S.F.R.Khadri	1. Received certificate of appreciation from the Hon'ble Vice- Chancellor on the eve of World Environment Day (5 <sup>th</sup> June 2009) regarding the Shramadan activity carried out under the guidance of the Hon'ble Vice- Chancellor for the watershed management and maintaining the University campus clean and environmental friendly. 2. Received certificate of honor and recognition from Professor GP Patil from Penn State University, USA for insightful and forward looking involvement in JalaSRI
8	Dr. J.A.Tidke	P.H.Gregory Award (Third) 2009 for research paper entitled "Prediction of allergic and antigenic characters of major pollen allergen pha a 1 from Phalaris aquatica (Canary grass) presented at 15 <sup>th</sup> National Conference on Aerobiology and National Symposium on Plant, animal and Human Health jointly organized by Indian Aerobiological Society and Department of Life Sciences, Manipur University, Imphal. 6th to 8th March, 2009.

9	Dr.A.S.Aswar	Working as Associated Editor, J. Indian Chemical Society, Kolkata
10	Dr.A.S.Aswar	Presided a sessions in the 45th Annual Convention of Chemists, Dharwad, 23-27 <sup>th</sup> Nov., 2008.
		Presided a session in the National Seminar on Emerging Trends and Advances in Chemical Research, Allahabad, 8-10 <sup>th</sup> Feb.2009.
		Vice-President,Council of Surface Science&Catalysis,Indore
		Worked as an Observer, <b>SET Examination</b> , Chandrapur &Nanded
11	Prof Dr. Mrs. A.G Mane	State Teacher Award of Maharashtra Government
12	Dr. S. N. Behera	International Best Paper Award (2008-09) VIT Univ, Vellore
13	Dr. K. S. Adhav	Outstanding Achivement in Relativity From SGB Amravati University Region on 28 <sup>th</sup> Dec 2009
14	Dr. G. N. Vankhede	AIFA Award, Gold Medal Zoological Society of India

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**16) Internal resources generated :**

**Consultancy :**

Sr. No.	Name of Department	Amount
1	Biotechnology	4,000
2	Chemical Technology	12000/-
3	Home-Science	Rs400/-
4	Zoology	Honorary to Dept of Forest

**Other sources:**

Sr. No.	Particulars	Amount
1.	Fees from Internet/E-mail	Rs. 152525.00
2.	University Publications	Rs. 3546338.00
3.	University Library	Rs. 189473.00
4.	Income from Guest House	Rs. 64310.00
5.	Examiners Hostel	Rs. 47255.00

Sr. No.	Particulars	Amount
6.	Income from Garden	Rs. 20126.00
7.	Rent	Rs. 428077.00
8.	Fees (Centralized Admissions	Rs. 20676998.00
9.	Swimming Pool	Rs. 134960.00
10.	Miscellaneous	Rs. 96,11,042.00
11.	Corpus Fund	Rs. 44,65,793.00
12.	Self Financing Course (Bio-Tech.)	Rs. 60,000
	TOTAL	2,53,20,062/-

**17) Details of departments getting SAP, COSIST (ASSIST)/DST/ (FIST) etc.**

Sr. No.	Name of the Deptt. & Co-ordinator	Nature of assistance	Agency/ period	Amount	Status
1	Chemical Technology (Dr.V.S. Sapkal)	MODROB	AICTE, New Delhi (2006-2008)	12,00,000/-	Ongoing
2	Dr.V.S.Sapkal	FIST Programme	DST, New Delhi (2008)	Rs.44.09 lakhs	Ongoing
3	Biotechnology (Dr. P.A. Wadegaonkar)	Bio-informatics Infrastructure Facility	DBT, New Delhi (2006-2011)	20,00,000/-	Ongoing Infrastructure development scheme

**18) Community services :**

**a) Under NSS :**

- National Service Scheme (NSS), Sant Gadge Baba Amravati University has undertaken various activities related to social and rural development such as awareness of health, water conservation, AIDS, plantation, entrepreneurship development, blood donation, natural disaster management, tribal women development, Gadgebaba gram swachhata abhiyan etc. with the help of 21,000 NSS volunteers from 164 affiliated colleges and University departments involving 251 NSS Units. This year the department has given more stress on water conservation, women awareness and tribal awareness programmes, self employment & disaster management etc.
- The training and orientation classes have been organized by NSS for Programme Officers;
  - 1) Social Harmony Week, Sant Gadge Baba Cleanness Programme, Youth Rally,

Special Medical Camp, Building of roads/Bandharas, National Integrity Camp.

- 2) Akshaya Prakash Yojna
- 3) Disaster Management Cell
- 4) Plantation and Plant Conservation
- 5) Blood Donation
- 6) To prevent the suicides of Farmers in Vidarbha region.
- 7) Water preservation
- 8) Personality development Programme
- 9) Awareness Programme for development of Women & Tribals.
- 10) Awareness Programmes to prevent the AIDS.

- **Biotechnology** : The Department of Biotechnology has organised Street Play on Environment Awareness Programme on the auspicious occasion of Independence Day and Republic Day.

**b) At P.G. Department level under TRDEA :**

Sr.No	Lecture series	Speakers	Date
1)	Guest lecture on 'Multi-objective optimization & Genetic algorithms'	Mr. M.M. Raghuwanshi, YCC, Nagpur	10.02.2009
2)	Guest lecture on 'Distributed File System'	Dr. U.A. Deshpande, VNIT, Nagpur	12.02.2009
3)	Guest lecture on 'Software Engineering – Recent Advances'	Dr. A.P. Mokade, VNIT, Nagpur	12.02.2009
4)	Guest lecture by on 'Ubiquitous Computing'	Mr. B.A. Damahe, L&T, Mumbai	21.02.2009
5)	Guest lecture by on 'Open Source'	Mr. Rahul Deshmukh, IIT, Powai	13.03.2009
6)	Center for promotion of scientific geneous	Dr. S.H.Pawar Dr.C.S.Lokhande Dr. A.M.Mahajan Dr.S.P. Sanyal	05/10/09 08/11/09 12/12/09 16/11/09
7)	"Symptoms of plant diseases with reference	Dr.R.P.Thakre (Retd. Professor) Department of Botany,	17th September 2008

Sr.No	Lecture series	Speakers	Date
	to market fruits"	R.T.M. Nagpur University, Nagpur.	
8)	Chemistry through fun	Dr.H.M.Pande,Nagpur	27-6-2009
9)	Omkar Sadhana Shikshan	Mr Shrikant Ranade	06/07/2009
10)	Lectures on theory of relativity	Dr. D. R. R. K. Reddy	07-04-2009 to 11-04-2009
11)	Lectures on Sociology	Dr. Jagannath Karade,	13-15 October 2008
12)	Lectures on Sociology	Dr. B.M. Karade	16-19December 2008
13)	Lectures on Sociology	Dr. Jagannath Karade,	3-4 January 2009
14)	Lectures on Sociology	Prof. B.H. Kalyankar	12-15 January 2009

c) Extension activities :

Sr.No	Name of Deptt.	Subject of Workshop	Name of Colleges/ Places
1	Applied Electronics	Conservation of Energy awareness programme- Poster and Model Exhibition	Neharu Ground, Amravati in collaboration with Nature Conservation society, Amravati.
2	Biotechnology 1) Bioresource Conservation Club 2) Bio-village	Street Plays for Environmental Awareness	SGB Amravati University
		1) Vermicomposting.	Wadgaon Mahure
3	Chemical Technology	Two days workshop on hand made conversion at Department of Chemical Technology SGB Amt.Uni.	Department of chemical technology
		Awareness on use of Non conventional energy sources	Department of chemical technology

Sr.No	Name of Deptt.	Subject of Workshop	Name of Colleges/ Places
4	Geology	Water resource development of rural part of Amravati region	Amravati region
		Groundwater quality testing of the highly populated slums of Amravati City.	Amravati City
5	Dept. of Sociology	Human Rights and Fundamental Rights and Duties of Citizens	Centre for Human Rights Awareness and Education, SGBAU.
		“Human Rights in the Context of Child Labour	Centre for Human Rights Awareness and Education, SGBAU.
		“ Sexual Exploitation and Trafficking”	Centre for Human Rights Awareness and Education, SGBAU.
		“ Human Rights in the Context of Atrocities on Women”	Centre for Human Rights Awareness and Education, SGBAU.
		“ Mental Health of Women”	Hirwal, Amravati & Sambodhi, Pune.
		Challenges to Modern Society & Social Research	Dept. of Sociology & A.B Arts & Science College, Mukhed, Nanded.
		Globalization in Reference to Sociological Studies	Dept. of Sociology & Deogiri College, Aurangabad.
6	MBA	Management Institutes of Sant Gadge Baba Amravati University, Amravati, Administrative Training & Development Center One-Day Workshop on “ <b>Career Avenues &amp; Guidance</b> ” organized by Adult Education Department	21th March 2009, MBA Department Auditorium
		Seminar on Environment and Sustainable Development	6 June 2009

Sr.No	Name of Deptt.	Subject of Workshop	Name of Colleges/ Places
7	Zoology	Workshop on Aquarium Manufacturing	24-25 January 2009

**19) Lecture Series hosted by departments under UGC's fellow schemes :**

Sr. No.	Name of the Department	Name & Designation of the Visiting Fellow/Visiting Professors	Duration of the Visit with dates
1	Physics	Dr.S.H.Behere	Dec. 14-21, 2008
2	Biotechnology	Dr. S. R. Joshi	Seven Days – 26/-8/2008 to 01/09/2008
		Dr. Jamaluddin	Seven Days – 25/01/2009 – 31/01/2009
3	Geology	Dr. T.P.Singh, Symbiosis Institute of Geoinformatics, Pune	23-25 March 2009
4	Botany	Dr. B. A. Vagyani, Rtd. Reader, Department of Botany, Shivaji University, Kolhapur.	25 <sup>th</sup> Feb. to 3 <sup>rd</sup> March 2009.
5	Home Science	Dr R S Bhopale Retd Prof,Department of Extension,Dr P D K V Akola	01/1/2009 - 05/01/2009 (10 days)
		Dr MN Dudhane Head,Deptt of Biochemistry, Rugta Medical College,Bhilai	01/01 2009-05/01/2009 (5 days)
		Dr.P.O.Ingale Retd Prof ,Deptt of Extension Education ,Dr P D K V Akola	15/12/08 - 27/12/08 (13 days)
6	Dept of Law	Dr. V. K Dixit Red Professor from Delhi University, At present working at NLIU, Bhopal	09.01.2010 to 17.01.2010
7	Dept of zoology	Dr. D. R. Khanna, Professor of Zoology, G. K. University, Haridwar, Dr. R. C. Gupta, Kurukshetra University, Kurukshetra	Oct. 2 – 7, 2009

20) Teachers and officers newly recruited : Teachers- 04

21) Teaching-Non-teaching staff ratio : 1 : 6

**22) Improvement in the library services :**

- Furniture and equipments of Rs. 6,50,000/- have been purchased for developing the library services.
- Under INFONET Consortia 4000 + online full text journals on different subjects are made available to the researcher in the University.

**23) New books/journals subscribed and their value :**

			<b>Cost</b>
a)	Number of Books	- 3715	Rs. 48,25,161/-
b)	Number of Journals - National	- 102	} Rs. 11,28,699/-
	Online (International)	12305+	
	<b>Total Cost</b>		<b>Rs. 59,53,860/-</b>

**24) Courses in which student assessment of teachers is introduced and the action taken on student feedback:**

Departments have introduced feedback system for getting the information and difficulties of the students.

**25) Unit cost of education: Rs. 31,789/-**

**26) Computerization of administration and the process of admissions and examination results, issue of certificates:**

**i) Administration :**

- Annual increments
- Leave accounts

**ii) Process of Admission :**

- University has started providing online forms & related information (pre admission work) for making admissions to the PG courses in the University campus
- Transfer Certificate (Leaving certificate).

**iii) Examination Results :**

- All the pre & Post examination work.
- Statements of Marks of students are displayed on official postal [www.sgbau.ac.in](http://www.sgbau.ac.in)
- Degree certificates.
- Duplicate Marksheets.
- PAT Certificates.

**27) Increase in the infrastructural facilities :**

**A) Buildings :**

<b>Sr.No.</b>	<b>Name of Building</b>	<b>Funding Agency</b>	<b>Amount</b>
1	Dept of Computer Science	State Government	25.0 lakhs
2	Geology department	UGC & University General Fund	Rs. 25 Lacs sanctioned by

Sr.No.	Name of Building	Funding Agency	Amount
			UGC under XI Plan
3	Chemistry department	UGC	25.00 lacs
4	Dr.Shrikant Jichakar Memorial Research Centre for Central Indian History & Culture	State Government	2,36,40,000/- (Estimated cost)
		TOTAL	3.114 Crores

**B) Garden :**

1. Development of Garden in front of Main Gate of the University is in progress.

**C) Equipment/ Instrument :**

**(Costing more than Rs.1,00,000/-)**

Sr.No.	Name	Quantity	Purchase from	Price
1	Tektronix make 25Mhz Dual channel programmable arbitrary function generator	01	General Fund	1,39,765/-
2	Xilinx Hardware, Xilinx virtex-6 LXT FPGA ML605 evaluation kit	01	General Fund	2,09,500/-
3	Simulation Software	1	General Fund	1,05,000/-
4	Cannon iR 2020 Zerox Machine	4	UGC Fund	4,58,208/-
5	BTI—BID Incubator	1	UGC Fund	1,17,676/-
6	LCD Projector	2	UGC Fund	2,22,800/-
7	Bio-Chemical Analyser	1	UGC Fund	1,96,425/-
8	Microgalaxi incubator	1	UGC Fund	1,94,318/-
9	Trinocular Polarizing Microscope	1	UGC Fund	4,49,900/-
10	SPSS Software	1 Set	UGC Fund	4,49,174/-
11	Thermal Cycler	1	UGC MRP	1,80,000/-
12	Biosafety Cabinet	1	General Fund	3,32,294/-
13	Gradient PCR	1	General Fund	3,10,000/-
14	Bursting strength tester	1	AICTE	290566
15	Tensile strength tester	1	AICTE	550000

16	Brightness tester	1	AICTE	350000
17	Sartflow slice crossflow system	1	DST	1195000
18	Biostat Bplus fermentor	1	DST	975000
19	Petrol engine test rig	1	UGC	138000
20	Watershed Modeling software	1	UGC innovative programme	1,97,860/-
21	Arium	1	As above	2,37,375/-
22	AAS	1	As above	14,51,338/-
23	Water Purification system	1	As above	2,72,310/-
24	Automatic Point Counter	1	UGC Fund	1,15,312/-
25	Fermenter	1	UGC	2,77,000/-
26	Thermal Cycler	1	UGC	3,00,000/-
27	ELISA reader and washer	1 set	UGC	3,52,000/-
28	Stereo Zoom Microscope	1	UGC	1,24,000/-
	TOTAL			97,97,905/-

## 28) Technology upgradation:

use of e-learning portal [sgbau.org](http://sgbau.org)

Live Interdepartmental Video lectures/activity transmission

Web based Recrded video lectures

Wireless broadband through Wi fi

**Tutor CDs/learning materials**

**Department of Biotechnology has a lease line of 1MBps**

## 29) Computer and internet access and training to teachers and students :

- Wireless broadband through Wi fi
- Under the IX plan of UGC, the Internet Access Centre is established at Computer Centre for teachers, students, research scholars and University staff of the University. At present BSNL Broad Band Connection is provided to Internet Access Centre. All the teaching department have their own computer lab.
- Students and research scholars are using facilities provided at Internet Access Centre.

**30) Financial aid to students :**

Sr.No	Department	GOI(SC)	GOI(OBC)	GOI(VJNT)	GOI(ST)	GOI(SBC)
1.	Applied Elect.	9556/-	75,376/-	6736/-	18,272/-	6,736/-
2.	Bio-Technology	1,29,212/-	2,27,026/-	68,140/-	34,727/-	--
3.	Botany	64,943/-	1,57,467/-	11,369/-	--	12,151/-
4.	Chemistry	58,553/-	1,73,579/-	24,669/-	3,911/-	6,151/-
5.	Computer Sc.	4,65,708/-	18,32,987/-	3,35,158/-	37,584/-	74,414/-
6.	Chem-Tech	12,94,025/-	31,92,025/-	4,41,465/-	28,795/-	76,680/-
7.	Geology	26,804/-	57,124/-	13,132/-	10,256/-	--
8.	Hindi	12,302/-	25,688/-	3,971/-	--	--
9.	Home Science	--	34,421/-	4,426/-	--	--
10.	Marathi	49,689/-	17,746/-	3,591/-	--	--
11.	Mathematics	1,711/-	10,463/-	3,971/-	--	7,752/-
12.	M.B.A.	5,48,110/-	10,99,185/-	3,59,845/-	99,495/-	63,420/-
13.	Microbiology	38,576	1,45,268/-	10,272/-	4,036/-	6,276/-
14.	M.Ed.	50,924/-	83,358/-	17,612/-	10,748/-	--
15.	Library Science	74,662/-	71,284/-	--	6,986/-	--
16.	M.P.Ed.	19,643/-	80,974/-	27,068/-	--	5,846/-
17.	Physics	29,585/-	82,762/-	25,934/-	--	6,991/-
18.	Sociology	48,179/-	26,087/-	--	--	--
19.	Zoology	44,723/-	62,540/-	7,862/-	--	--
20.	Statistics	--	--	--	--	--
21.	L.L.M.	1,71,008/-	1,95,565/-	21,128/-	--	--
	<b>Total</b>	<b>31,39,913/-</b>	<b>76,50,925/-</b>	<b>13,86,347/-</b>	<b>2,54,810/-</b>	<b>2,66,417/-</b>
				-		

**Students' Welfare :**

University Students' Welfare Fund Scholarship : University teaching departments and affiliated colleges : **Rs. 1,98,500/-** scholarship was distributed among 178 students of various categories.

**31) Activities and support from the Alumni Association:**

Departmentwise Alumni meets have been organized in the teaching departments regularly.

### 32) Activities and support from the Parent-Teacher Association:

The departments have organized parent-Teacher meets and held interactions between parents, teachers for the benefit of students and departments during the meetings, the suggestions received by the parents are being considered by the department for implementation.

### 33) Health services:

- The University Health Centre Building is constructed worth Rs.8.00 lacs.
- The required furniture and medical apparatus of Rs.7.00 lacs have been purchased.
- Two Honorary Doctors are appointed.
- During the report period 305 University Employees have taken the advantage.
- Blood donation, Blood group testing & Health checkup camps were organised for the teachers, employees and students. Total 244 persons have taken the advantage of the camps.

### 34) Performance in sports activities:

Special Activities-  
Sant Gadge Baba Amravati University has organized following Tournaments at different levels

Year	Name of the Games and Sports	Venue
2008-2009	South West Zone Inter University Basket Ball (Women) Tournament	University Sports Complex

#### Special Activities Best Player Award for Men & Women (2008-09)

Shri Aniket S.Sakhare,	Arts,Com.& Science College, Amravati
Ku.Shilpa M.Rangari,	Vidyabharti Mahavidyalaya, Amravati

#### Number of teams enrolled in Inter Collegiate Tournaments

Sr.No.	Year	2008-2009	
	Games	Men	Women
1	Archery	25	17
2	Athletic	161	133
3	Badminton	100	102
4	Ball Badminton	45	43
5	Basket Ball	43	38

Sr.No.	Year	2008-2009	
	Games	Men	Women
6	Best Physique	54	0
7	Boxing	48	0
8	Chess	115	0
9	Cricket	122	42
10	Cross-Country	115	88
11	Foot Ball	56	19
12	Gymnastics	19	14
13	Hand Ball	42	26
14	Hockey	17	9
15	Judo	61	38
16	Kabaddi	140	61
17	Kho-Kho	84	83
18	Korf Ball	29	0
19	Lawn Tennis	25	0
20	Malkhamb*	25	9
21	Power Lifting	52	0
22	Soft Ball	37	29
23	Swimming	69	30
24	Table Tennis	53	50
25	Volley Ball	153	92
26	Weight Lifting	60	0
27	Wrestling	32	0
28	Yoga	0	0
29	Base Ball	21	15

**Teams & Individual  
Players Achievement 2008-09**

YEAR	NAME OF GAME	LEVEL												Grand Total
		WEST ZONE				SOUTH WEST ZONE				ALL INDIA				
		I	II	III	IV	I	II	III	IV	I	II	III	IV	
2008-2009	Youth Festival		1	2							1			4
	Swimming											1		1
	Archery							2	1					3
	Gymnastic(W)								1	1				2
													10	

**35) Incentives to outstanding sportspersons:**

- a. Outstanding Sports Persons are honored by giving them Track Suits, Mementos and Certificates.
- b. As per provision of Ordinance No.1/1985 incentives marks are being awarded.
- c. The participants, those are representing this University in the West Zone/South-West Zone/All India Inter University Tournaments in the games that are approved by Association of Indian Universities have been provided by the following incentives and facilities.
  - 1) University used to issue Colour Blazer alongwith the crest to the players those are selected for the first time in the University team.
  - 2) The player those who bring laurels to the University, they are felicitated at the hands of Hon'ble Vice-Chancellor. In addition to this they are awarded by tracksuits and memento alongwith the certificate of appreciation.

**36) Student achievements and awards:**

Sr.No	Name of Student	Department	Achievement/Award
1	Ms. P. R. Davedar	Computer Science	1 <sup>st</sup> Merit M.Sc. (Computer Science)
2	Nadir Nizar Ali Charniya	Applied Electronics	FIRST PRIZE in AVISHKAR competition in Post-PG Research Category
3	Ku. P.R. Deshmukh	--"--	1 <sup>st</sup> Merit (University Exam)

Sr.No	Name of Student	Department	Achievement/Award
4	Ku. P.U.Khapekar	--"--	2 <sup>nd</sup> Merit (University Exam)
5	Ms S.S.Chawande	Chemical Technology	Published research paper in research journal of SGB Amravati Univeristy on June 2009
6	Ms Pushaya Kale	Chemical Technology	Avishkar 2008 UG Engg. Category
7	R.S.Malani	Chemical Technology	Avishkar 2008 UG Engg. Category
8	M.B.Sawarkar	Chemical Technology	Avishkar 2008 PG Engg. Category
9	Dhiraj Tayde, Pankaj Wankhede, Tushar Shegokar	Chemical Technology	2 <sup>nd</sup> prize in demo model competition at college of biotechnology Amravati
10	Shehal Awate`	Chemical Technology	1 <sup>st</sup> with gold medal in 25 <sup>th</sup> convection on 26-2-2009
11	Ms Apekha JAdhav, Prafull Bansod, Seema wagmare	Chemical Technology	Merit at M.Teh Exam 1 2 3
12	Mr. Pravin Ekade	Botany	II <sup>nd</sup> merit at M.Sc.
13	Mr. Simit S. Rokade	Botany	P.H.Gregory Award (Third) 2009 for research paper entitled "Prediction of allergic and antigenic characters of major pollen allergen pha a 1 from Phalaris aquatica (Canary grass) presented at 15 <sup>th</sup> National Conference on Aerobiology and National Symposium on Plant, animal and Human Health jointly organized by Indian Aerobiological Society and Department of Life Sciences, Manipur University, Imphal. 6th to 8th March, 2009.
14	Mr.N.C.Bhonde	Chemistry	III <sup>rd</sup> Merit in M.Sc. Exam.

Sr.No	Name of Student	Department	Achievement/Award
15	Mr. P.S..Game	Chemistry	IVth Merit in M.Sc. Exam
16	Ms. Vrushali Ikhar	Chemistry	Joined as SRF, ncl, Pune
17	Ku. Varadlaxmi Tuljapurkar	Home-Science	Single Girl Child Scholarship
18	Ku. Shradha Haramkar	Home –Science (Food Sci. & Nutrition)	1 <sup>st</sup> Merit
19	Ku. Kalpana Deshmukh	Home –Science (Extension & Community)	1 <sup>st</sup> Merit
20	Ku. Pallavi Kokate	Home –Science (Family resources & Management)	1 <sup>st</sup> Merit
21	Shri S. B. Jadhav	M. Sc. (Maths)	2 <sup>nd</sup> prize in university level seminar competition for P. G. level.
22	Nilesh Ambekar	MBA	Two Gold Medals awarded by University.
23	Shri Kailash kale	Statistics	1 <sup>st</sup> Merit

### 37) Activities of Guidance and Councelling unit:

- The University Employment & Self -Employment, Information and Guidance Bureau has provided the services to 1180 students.
- The Bureau also publishes a Bulletin and the same is being widely circulated giving the details of the various competitive examinations, job opportunities, career development programmes.
- Department of Chemical Technology – Guidance & Counseling were provided to the students regarding admission, higher studies, placement etc. Interaction was organized with passed out students of the department, Ministry of Higher & Technical Education, Mumbai organized Career Fair at Shendurjana Ghat during 16-17 Dec., 2006. Department has participated in the fair to propagate the course and made aware to students of 10<sup>th</sup> and 12<sup>th</sup> class about studies in the branch of Chemical Technology. Also the same activity was conducted at Govt. Polytechnic, Amravati during 30-31 Dec., 2006. The event was organized by Directorate of Education and Director, Vocational Education and Govt. of Maharashtra.
- **Home Science** – Under Diet Counseling Centre a panel discussion on “Importance of Breast Feeding” was organized jointly with BPNI during “World Breast Feeding Week”. Panel comprise of doctor members of BPNI of

Amravati branch, NCC students, University students and staff participated in the programme. A nutritfest on natural foods was organised in the department jointly with Centre or Social Health & Public Hygein during National Nutrition Week. A Nutritionals status dignostic camp was also organized for studetns and employees of the University.

- **Chemistry** – Guidance and Counseling Programme was organanized with Director, Placement and HRD Consultant (Zenith Group).

**38) Placement services provided to students:**

- Guidance to students - 105
- No. of students who got employment - 12
- Department of Chemical Technology
- Campus Interviews was organized for final year B.Tech. students. Associate Industry, Mumbai informed the selection of three students for final interviews and their site. Gharda Chemicals, Lote, has short listed 11 student for final interview after conducting aptitude test. Campus interview was organized by SEETECH Solution, Nagpur on 15/7/2007 and three students were selected. Another campus interview was organized by Mapro Food Pvt. Ltd. Panchgani on 30/4/2007 and three students are short listed for final interview.

**PLACEMENT OPPORTUNITIES & FINAL PLACEMENTS (MBA)**

Sr. No.	Name	No. of Students Appeared	No. of Students Selected	Percentage	Position & Salary	Max. Salary & Min. Salary
1	ICICI Bank Nagpur-Amravati	38	10	26	Marketing Executive 1,8000/-p.a	Max. 3,64,000 /- p.a. and Min. 1,20,000/- p.a.
2	Country Club,India, Mumbai	19	14	73	Marketing Executive 1,8000/-p.a	
3	*HDFC Bank Head Office	06	01	27.07	Sales Executive 1,20,000/- p.a. to 1,60,000/- p.a + Incentives	
4	Bharat Capital Pvt. Ltd.	32	14	43	Marketing Executive 1,20,000/-p.a	
5	Mahafeed Specialty Ferti (I) Pvt. Ltd.	03	02	66	Marketing Executive 1,20,000/-p.a	
6	Ranabaxy India	18	0	0	Marketing Executive 1,20,000/-p.a	

7	<b>Bharat Realtors Ltd.</b>	20	6	30	Marketing Executive 1,20,000/-p.a	
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Total Final Placement till date is **36 out of 54 (66%)**

- **Biotechnology** – 8 students selected at Serum Institute, Pune, NCCS, Pune, Biopharma Company, Mumbai, IIT, Mumbai, Barwale colleges, Lature and R.D.University, Jabalpur.
- **Home Science** – 24 students placed in teaching, 5 students in KVK, 6 students in Hospitals as dietician.

**39) Development programmes for non-teaching staff :**

a) Administrative training to non-teaching employees :-

Organized Two Computer Training Programmes for non-teaching employees of the university.

b) Statement showing the details of Conferences, Workshops, Seminars etc. attended by the officers/employees.

Sr. No	Name of Officers / Employee	Place	Duration	Subject
1	Mrs. S. S. Sherekar	KCE's College of Engg & IT	20-21 Mar 2009	National Conference on Computing, Communication, Electronics and Management
2	Mrs. S. S. Sherekar	Shivaji Sci College, Akola	11/04/2009	National Seminar on Information Technical Enabled Services (ITES)
3	Dr.S.F.R.Khadri	Jalgaon	21-29 Dec.2008	"Surveillance Hotspot Geo-informatics and digital governance"
4	Dr.S.F.R.Khadri	TERI University, New Delhi	1-3 June 2009	Digital governance Hotspot Geo-informatics

**40) Best practices of the institution :**

- Remedial Coaching Classes were organized for SC, ST students for many subjects like Zoology, Statistics, Chemical Technology, Biotechnology, Hindi, Marathi, MBA, Physics, Chemistry, Microbiology under the UGC scheme.
- Coaching Classes for GATE students were conducted for B.Tech. students.

- For preparation of GATE in various subjects, the computer based E-learning system developed by SWIFT Infocom (India) Pvt. Ltd. Sangli was demonstrated through local branches office representative.
- Hon'ble Vice-Chancellor has conducted the meeting of all Heads and local Industrialist to help the collaboration amongst the University and Industries.
- Coaching classes for SC/ST students for entry in services under UGC programme was conducted during April, 16 to May 26, 2007.
- Coaching classes was conducted for the students of various subjects appearing for the 'NET/SLET' examination.
- "Hindi Language Communication Centre" is established in the department to propagate Hindi as national language in this region.
- The IQAC has constituted a committee to organize the visit of school students and common people to University campus to promote awareness regarding academic and related activities of the University.
- The Committee has organised the following school visits to the University Campus.

#### TRDEA Activity on 7<sup>th</sup> March 2009

Poster and model exhibition for awareness of conservation of Energy organised in collaboration with Nature conservation society , Amravati

Number of common people has also visited the University campus.

- The University is providing the prescribed application forms to the students free of cost for -  
Merit Certificate, Attempt Certificate, Migration Certificate, Degree Certificate, Provisional Certificate, Duplicate Marksheet, Retotalling of Answerbook of Paper, Passing Certificate, Medal Certificate.
- To encourage environment friendly cleanness programme in the entire campus, Hon'ble Vice-Chancellor has declared every Friday (4.30 to 5.30 p.m.) as "Shramdaan-Day" and all the teachers and students, Research Scholars are taking part in the programme.
- To promote & explain the latest available technology for the benefit for the common persons in the rural areas following activities was carried out by the various teaching departments.

Sr.No.	Name of Department	Particular
1	Biotechnology	1) Training Program on Bioinformatics “Data Analysis of Genes and Proteins “. , September 5 -7, 2008. 2) Short Term Training Course on “Techniques in Genetic Engineering”. , February 15 -21, 2009. 3) Training program on Application of Bioinformatics in Computational Biology, March 2- 4, 2009.
2	Chemical Technology	Two days workshop on hand made conversion at Department of Chemical Technology SGB Amt. Uni.
3	Geology	TRDEA activity on “water resource development of rural part of Amravati region” was successfully completed
		TRDEA activity on “Groundwater quality testing of the highly populated slums of Amravati City” was successfully completed.

- The following statement shows the rainwater harvesting and artificial recharge programmes for improving the ground water level of the University Campus.

Sr. No.	Name of Building	Terrace area covered under scheme
1	Valuation Centre Building	1554.00 Sqm.
2	Valuar's Hostel	1707.46 Sqm.
3	S.C.Boy's Hostel	716.00 Sqm.
4	P.G.Boy's Hostel	346.00 Sqm.
5	Administrative building	353.00 Sqm.
		208.00 Sqm.
6	Confidential Section Building	405.77 Sqm.
7	Botany Deptt. Building	973.02 Sqm.
8	Zoology Deptt. Building	696.01 Sqm.
9	Chem.Tech. Deptt. Building	1221.59 Sqm.
10	Girls Hostel	260.70 Sqm.
11	Computer Science Deptt. Building	1474.00 Sqm.

Sr. No.	Name of Building	Terrace area covered under scheme
12	S.C.Girls Hostel	716.00 Sqm.
13	Library Building	550.00 Sqm.
14	Girls Hostel (UGC)	280.00 Sqm.
15	Warden Quarters	450.00 Sqm.
16	Teachers Quarters	490.20 Sqm.
17	Hon'ble Vice-Chancellor Bungalow	382.00 Sqm.

Sr.No.	Type of Storage	Capacity Approx.
1	Reservoir No.1	2,38,500 Cu. Mrts.
2	Reservoir No.2	83,000 Cu. Mrts.
3	Bandhara No.1	14.00 lakh litres
4	Bandhara No.2	32.00 lakh litres
5	Bandhara No.3	42.00 lakh litres
6	Field Tanks 5 Nos.	10.00 lakh litres
7	Field Pits 6 Nos.	05.00 lakh litres

- The university has established Hindi Language Communication Centre in the Department of Hindi to create the awareness in the Non-Hindi speaking students. To guide and teach the students the classes are being arranged in the department. 25 students of B.A. examination has opted Hindi Literature subject. A Lecture series has also been organised for such students.

**41) Linkages developed with National/International, academic/Research bodies :**

**Geology :-** Linkages developed with DST, UGC, CSIR and ICAR New Delhi The Linkages are developed for research.

**i) National -** Prof. P.Kundal, RSTM Nagpur University, Nagpur

**ii) International:**

1. Dr. J.N.Walsh, Department of Geology, Royal Holloway, University of London, Egham Hill, Egham, Surrey-TW20 OEX, United Kingdom. Tel:0044-1784-443614/443633; Fax:0044-1784-4471780; Mobile:07734114685; e-mail: [j.walsh@gl.rhul.ac.uk](mailto:j.walsh@gl.rhul.ac.uk)
2. Dr. Paul Lyle, Geology Department, School of Built Environment, University of Ulster, 75, Belfast road, Carrickfergus, County Antrim BT38 8PH, Northern Ireland, United Kingdom. Tel/Fax: +44-02890-366228, E-mail: [p.lyle@ulster.ac.uk](mailto:p.lyle@ulster.ac.uk)
3. Prof. Vincent Courtillot, Director, Institut de Physique duGlobe de Paris, Place jussieu

- Université Paris 7, et Institut Universitaire de France Tel: 01 44 27 28 20 Fax: 01 44 27 74 63, E-mail: courtil@ipgp.jussieu.fr
4. Prof. P. R. Hooper, Department of Geology, Washington State University, Pullman, WA 99164-2812, USA. E-mail: prhooper@mail.wsu.edu
  5. Prof. K.V. Subbarao, Professor of Eminence, Deptt .of Earth & Planetary Sciences, University of Hyderabad, Hyderabad (AP), India. Tel: 09392472503 E-mail: kvsubbarao\_iitb@yahoo.co.in
  6. Prof. L.G. Gwalani, Department of Geology, University of Western Australia, Australia. E-mail: lalou101@hotmail.com, felsic\_adventures@yahoo.com Tel: +61 (0)401 150 317\_.
  7. Prof. Frédéric Fluteau, Professor, Laboratoire de Paléomagnétisme, Institut de Physique du Globe de Paris, Place Jussieu Université Paris 7, France, Tel: 01 44 27 28 20 Fax: 01 44 27 74 63, E-mail: fluteau@ipgp.jussieu.fr
- i)
- ii) **Bio-Tech.** :- Linkages developed with DST, New Delhi, Department of Biotechnology, New Delhi, UGC New Delhi, DRDO, New Delhi, Regional Research, Laboratory, Jammu, CIMAP, Lucknow. The Linkages are developed for research.
- **National** - Prof. Ajit Verma, Vice-President, MIT International, New Delhi.
  - **International** :- Prof. Reto Strasser, Bioenergetics, Lab., University of Geneva, Switzerland.
  - Dr. Sebastien Pierrat, Johannes Gutenberg University of Mainz, Germany.
  - Prof. Nelson Duran, Instituto de Quimica, Universidade Estadual de Campinas- UNICAMP, C.P. 6154, Campinas, CEP 13083-970, S.P., Brazil.
  - Prof. Donatella Mares, Department of Biology, Ferrara, Italy.
  - Prof. Cecilia Carpinella, Laboratorio de Quimica Fina y Productos Naturales, Fac. Ciencias Quimicas, Universidad Catolica de Cordoba, Camino a Alta Gracia Km 10 (5000), Cordoba, Argentina.
- iii) **Home Science** – Linkages developed with UGC, DST, DBT, New Delhi in connection with research projects. Linkages developed with Mr. Lalit Meisheri Techknow consultant, Mumbai for technology transfer. Linkages developed with Prof. N.C. Saha Lab Head & Professor of Indian Institute of Packaging to explore relevance in research.
- iv) **Chem. Tech.** - Linkages developed with NCL, Pune, UICT, Mumbai, LIT, Nagpur
- v) **Marathi** – Linkages developed with Sahitya Academy, Sahitya Sanskriti Mandal and Maharashtra Foundation (USA).
- vi) **Physics** - Linkages established with Bhabha Atomic Research Centre, Mumbai, Laser induced fluorescence Laboratory, RRCAT, Indore and synchronous Luminescence Laboratory, Anna University, Chennai.

**42) Any other relevant information the institution wishes to add:**

**a) Students Council :**

- As per provisions of Amravati University Act. 1994, Sant Gadge Baba Amravati University Students Council and P.G. Students Council were constituted on **15/9/2006** and **20/8/2006** respectively.
- Total 97,222 students from affiliated colleges and university teaching departments were insured under "Students Safety Insurance Scheme".
- The sum of Rs. 1,98,500/- has been given to 178 students from the Students Welfare Fund.
- The Folk Dance, Song, One Act Play and Knowledge Oriented Competitive activities were organized.

**b) Sant Gadge Baba Puraskar :**

Shri Sant Gadge Baba Social Work Award ceremony was held on 20<sup>th</sup> Dec.,2006 in the University Auditorium. This Social Work Award was given to Late Shri Ramchandra alis "Shelar Mama" at the hands of Chief Guest, Hon'ble Shri Ravindra Jadhav, Collector, Amravati. On this occasion Donar Shri Babanrao Metkar, Ex.MLA was also present. The function was presided by the Hon'ble Vice-Chancellor.

**c) Adult, Continuing Education & Extension Services Department :**

- i) Workshop was organized regarding Farmers Suicide in the West Region of Vidarbha.
- ii) Following extension and filed outreach workshop were organized.
  - Workshop for Meeting Management.
  - Analytical Skills in Mathematics
  - Accounts Code
  - Seven habits- Positive Health
  - Mushrooms
  - Training in local fruit preservation (Orange, Lemon, Amla etc.
  - Non-conventional energy for household
  - Soya processing at house
  - Training on Commercialization of Dev Ambadi Product.
- iii) Following continuing workshop were organized.
  - Nutrition Education,
  - Vegetable preservation
  - Bonsai
  - Conduct of University Examination. (for Officer in-Charge )
  - ISO
  - Science in Kitchen
  - Career guidance for students.

- Fruit Preservations
  - Promote in interaction amongst students
  - Emotional Quotient Test
  - V.L.S.I.
- iv) Teaching activities:
- Coaching Classes in English – Preliminary Stage.
  - Coaching Classes in English – Advance Stage.

**d) IGNOU Centre :**

The following courses are activated.

- Certificate in Nutrition & Child Care (CNCC)
- Certificate in Participatory Forest Mgt. (CPFM)
- Certificate in Teaching of English as a Second Language (CTE)
- Certificate in Human Rights (CHR)
- Certificate in Disaster Management (CDM)
- Diploma in Tourism Studies (DTS)
- Post Graduate Diploma in International Business Operation (PGDIBO)

Reception & Information services are being provided at this Study Centre. Audio, Video equipments and Reference Library is being used by the students & Counsellors at the time of Counselling session.

**e) Institute of Distance Education :**

Preparation of self Instructional Material of B.A.-I, II & III, B.Com.-I and B.Lib. is upto completion.

(Dr.(Ms.) Kamal Singh)  
Chairman, IQAC

(Dr.S. V. Dudul)  
Director (IQAC)

## **ACTION PLAN OF SANT GADGE BABA AMRAVATI UNIVERSITY**

(FOR THE YEAR 2009- 10)

### **1. CURRICULAR ASPECTS.**

- a) To have choice-based credit grade system in all courses/syllabi, more job relevant and self-employment oriented.
- b) To make efforts to design and develop inter disciplinary courses.
- c) To make efforts to design and develop courses with a view to motivate young brilliant students for pursuing their career in pure sciences.
- d) To initiate short-term courses
- e) To introduce more, new, flexible elective courses both in theory and laboratory
- f) To devise a method for getting feedback from past students through Alumni Association; faculty members of other University, visiting faculty, industrialist and co-opted members of BOS.
- g) To make efforts to introduce regular items on the BOS agenda for recommendations of updates
- h) To submit proposals under innovative and interdisciplinary thrust areas of the UGC, DST and other funding agencies.
- i) To submit proposals under career oriented programmes.
- j) To lay emphasis on usage computers and numerical/ problem solving during tutorials (both in theory as well as practical), wherever necessary.

### **2. TEACHING-LEARNING AND EVALUATION.**

- a) To strengthen the present online admission process in the University campus and improve the present student profile.
- b) To lay more emphasis on rural awareness enhancement programmes and women empowerment oriented programmes.
- c) To make efforts upgrade to existing Remedial Coaching to SC,ST, socio-economically disadvantaged group of students.
- d) To upgrade IAS Coaching Centre, NET Guidance Cell and Employment Guidance Cell
- e) To establish virtual classrooms for online teaching-learning through multimedia.

- f) To enhance computer and internet literacy.
- g) To introduce non-passive seminars by students for provoking them to learn.(seminars on pre-requisites).
- h) To make students use wikiepedia and google to search history of subject topics and relevant concepts.
- i) To encourage faculty to perceive studies under faculty exchange programme.
- j) To encourage faculty to get Doctoral and Post-Doctoral Fellowship for studies abroad, for studies at the Universities/Institutions/National Laboratories of International repute.
- k) To introduce methods to intensify/enhance quality of teachers.
- l) To modify the present method of self-appraisal of a teacher to ensure quality.
- m) To conduct surprise test and open book test.
- n) To introduce semester in the remaining P.G. courses.

**3. RESEARCH, CONSULTANCY AND EXTENSION.**

- a) To establish Fabrication Laboratory
- b) To develop low-cost energy efficient LED lighting modules with a view to replace kerosene lamps
- c) To make essential infrastructure like space, electricity, water, computer, internet access available to every researcher.
- d) To give remunerative Teaching Assignment to full time researchers.
- e) To start the UGC scheme of faculty recharge.
- f) To make efforts for getting more research funds from external agencies.
- g) To make efforts to improve and upgrade the quality of research.
- h) To conduct the effective, quarterly monitoring of the progress of research work at the departmental level.
- i) To make efforts to starts in-house symposia for betterment of quality research.
- j) To make efforts to publish research output in cited journals.
- k) To make efforts for research lab accreditation.
- l) To make efforts to generate funds to consultancy
- m) To effectively implement to new and existing rural growth base community oriented extension activities.

- n) To enhance and upgrade and continue the extension activities under the T.R.D.E.A.
- o) To establish linkages and collaborations with researchers, institutions and industries in India and abroad.

**4. INFRASTRUCTURE AND LEARNING RESOURCES.**

- a) To make efforts facilities and learning resources for students.
- b) To develop teaching material/learning resources in the form of lecture/lab notes and the online learning material.
- c) To make efforts to maintaining the infrastructure.
- d) To enhance the physical facilities like space, light and water in the central library.
- e) To update the research and popular journals.
- f) To update the quantity and quality of text and reference books.
- g) To establish Book Banks for poor, needy and socially disadvantaged students.
- h) To establish links with Abdus Salam International Centre for Theoretical Physics, Trieste, Italy for getting old text and reference books and journals.
- i) To make the central library digitalized.
- j) To upgrade and enhance the existing Internet and INFLIBNET facilities in the central library.
- k) To improve the facilities and the Day Care Centre Guidance Cafeteria.
- l) To install more Solar Lights.
- m) To establish Women Facilities Centre.
- n) To make efforts for creation Researchers' Hostels for Boys and Girls.
- o) To lessen the burden on General Fund of the University.

**5. STUDENT SUPPORT AND PROGRESSION.**

- a) To intensify the free guidance given to students for NET/SET/GATE/CAT & JET examinations.
- b) To make efforts to enhance the performance in the State Level Competition like ASHWAMEDH, INDRADHANUSHYA and AVISHKAR
- c) To intensify the activities of the employment and guidance cell of the University.
- d) To make efforts to start "Earn While Learn" counters and the library Hostel Mess and Students' Canteen.

- e) To make efforts to start maintenance of Hostel Mess and Canteen by students' on payment basis.
- f) To give job analysis of Statistical Cell Data to students on payment basis.
- g) To make efforts to intensify and to make vibrant and to have interactive Alumni Association.
- h) To make efforts to motivate students for active participation in poster/seminar competitions (regional, states, national level)
- i) To make efforts to motivate students for participation in the National Science Day activity.
- j) To make efforts to fund students participation in poster/seminar competition.

**6. GOVERNANCE AND LEADERSHIP.**

- a) To make efforts to club the department or laboratories with common inter rest for better utilization of resources.
- b) To make efforts to become member of the Consortium of Universities with common interest for better utilization of resources.
- c) To make efforts to avoid inbreeding.
- d) To involve the laboratories staff in the department in the funded research projects.
- e) To make efforts to limit the burden of answer papers in examinations.
- f) To give financial independence to the Principal Investigators for purchases in the project.

**7. INNOVATIVE PRACTICES.**

- g) To make efforts to start Internal Quality Assurance System at the departmental level
- h) To make efforts to clean and maintain the campus.
- i) To make efforts to start giving healthy Tiffin (1 banana, 30-50 gms of sprouted serials and 100 ml. of milk) on payment basis to students as per UGC's directives.
- j) To continue the practice of tree plantation in campus.
- k) To intensify the activity of Parent Teacher Association (PTA).
- l) To make efforts to implement the suggestions received in the PTA meeting.
- m) To make efforts to adapt a village by a department.

**Appendix –A**

**I) Papers Published In National Journals.**

Sr. No	Name of staff	Deptt	Title	Journal	Volume & page
1	Badjate S. L. and Dudul S. V.	Applied Electronics	Multi-step ahead prediction of Duffing Chaotic time series using focused time lagged recurrent neural network model	ADIT JOURNAL OF ENGINEERING	Vol:5, No.1, ISSN: 0973 3663, Dec-2008, pp. 51-57.
2	Dr. S. K. Omanwar	Physics	<b>Combustion synthesis and photoluminescence of Eu<sup>2+</sup> doped BaB<sub>8</sub>O<sub>13</sub> (IF 0.36)</b>	<i>Journal of Pure &amp; Applied Physics,</i>	<b>Vol. 47, June 2009, pp. 441-443</b>
3	Prof. S.M. Bundeale	Hindi	<b>National Journals –on subject – Hindi Bhasha Aur Internet.</b>	<b>K.L Mahavidyalaya Published in Sominiyar</b>	Page no. 133
4	Prof. S.M. Bundeale	Hindi	<b>Dr.Harivanshrai Bacchan – EK Shlakra Purush Evam Unki Kaljaye Kruti Madhushala</b>	<b>Nagpur University Published in Sankalan Book</b>	
5	Prof. S.M. Bundeale	Hindi	<b>On subject – Suchana Prodhogiki ke Sandhabha Mein Hindi Aur Anya Bhashaye.</b>	<b>S.G.B. Amt. Univ. Amravati Published research journal</b>	Volume III (I) Page-109-111
6	Anita Patil., Jitesh Khadse and Surendra Patil	Bio-Tech.	<b>Effect of chemical mutagen Ethyl methane sulphonate (EMS) on wild Pisum seeds physiology, morphology and Yield</b>	<b>Indian J Applied and Pure Bio.</b>	<b>2008, Vol.23 (1), 169-174</b>
7	A. S deshmkh and A.S Patil		<b>Screening the biological efficiency of different pleurotus species on lignocellulosic agrowaste.</b>	<b>J. PL.Dis. Sci</b>	2008, Vol 3(1), 68-70.
8	Anita Patil, Aruna Deshmukh, Shivaji Deshmukh, Jitesh Khadse, Swapna Khade and Surendra Patil		<b>Microbial pretreatment of lignocellulosic biowaste for biogas, value added mushroom compost: A recalcitrant recycling tool.</b>	<b>International journal of Ecology, environment and conservation.</b>	2008, 15(1) 99 – 103
9	Tiwari, V. V and Rai, M. K.		Incidence of <i>Candida albicans</i> infection in cerebrospinal fluid—A first report from Vidarbha, central India	<i>Current Trends in Biotechnology and Pharmacy</i>	2009, 3 (1): 71-75.
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47	Dr.B.H.Pawar	Physics	Effect of thiourea on the optical properties of Di-sodium hydrogen phosphate (DSHP) single crystal,	Optoelectronics And Advanced Materials – Rapid Communications	Vol. 2, No. 12, December 2008, p. 855 – 858.
48	Dr. S. K. Omanwar	Physics	Combustion synthesis and photoluminescence of $\text{Eu}^{2+}$ doped $\text{BaB}_8\text{O}_{13}$ 0.36	36 <i>Journal of Pure &amp; Applied Physics</i> ,	<b>Vol. 47, June 2009, pp. 441-443</b>
49	Dr. S. K. Omanwar	Physics	Luminescence in $\text{LaBaB}_9\text{O}_{16}$ prepared by combustion synthesis ( <i>IF-1.611</i> ) Top 25 Hottest Articles Physics and Astronomy > Journal of Luminescence April - June 2009 Rank-20	<i>Journal of Luminescence</i> ,	Volume 129 Issue 2 <b>February 2009 (2009)</b> Pages 624-628

Sr. No.	Name of staff.	Deptt.	Title	Journal	Volume & page
50	Dr. S. K. Omanwar	Physics	Preparation and Characterization of LiAEAlF <sub>6</sub> : Eu (AE=Mg, Ca, Sr or Ba) phosphors, (IF-1.611) Top 25 Hottest Articles Physics and Astronomy > Journal of Luminescence October - December 2008 Rank-20	<i>Journal of Luminescence</i>	Volume 129, Issue 2, <b>February 2009</b> , Pages 135-139
51	Dr. S. K. Omanwar	Physics	One step synthesis of Ce <sup>3+</sup> activated alumino-fluoride powders (IF-1.589)	<i>Optical Materials</i> ,	Volume 31, Issue 4, <b>February 2009</b> , Pages 668-672
52	Dr. S. K. Omanwar	Physics	One step synthesis of complex fluoride powders for solid-state lasers (IF-1.455)	<i>Journal of Alloys and Compounds</i>	Vol. 464 Issue 1-2, <b>September 2008</b> Page 296-300 22
53	Dr. S. K. Omanwar	Physics	Synthesis of CaSO <sub>4</sub> :Dy, CaSO <sub>4</sub> :Eu <sup>3+</sup> and CaSO <sub>4</sub> :Eu <sup>2+</sup> phosphors (IF-1.054)	<i>Journal of Radiation Measurements Elsevier Publication</i>	Vol. 43, Issue 7 <b>August, 2008</b> Page 1191-1197
54	Dr.G.G.Muley	Physics	<b>Effect of thiourea on the optical properties of Disodium hydrogen phosphate (DSHP) single crystal,</b>	Optoelectronics And Advanced Materials – Rapid Communications	Vol. 2, No. 12, December 2008, p. 855 – 858.
55	Bansod, S, Gupta, I. and Rai, M. K.(2008)	Bio-Tech.	Specific detection of <i>Aspergillus fumigatus</i> in sputum sample of pulmonary tuberculosis by two step PCR	<i>A. J. Biotech</i>	7 (1) :16- 21 <b>(Impact factor 0.456).</b>
56	Rai, M. K., Shende, S. S. and Strasser, R. J. (2008)		JIP test for fast fluorescence transients as a rapid and sensitive technique in assessing the effectiveness of arbuscular mycorrhizal fungi in <i>Zea mays</i> : Analysis of chlorophyll a fluorescence.	<i>Plant Biosystems</i>	142 (2): 191-198. <b>(Impact factor - 0.750)</b>

Sr. No.	Name of staff.	Deptt.	Title	Journal	Volume & page
57	Ingle, A. P., Gade, A. K., Pierrat, S., Sönnichsen, C and Rai, M. K. (2008)		Mycosynthesis of silver nanoparticles using the fungus <i>Fusarium acuminatum</i> and its activity against some human pathogenic bacteria	<i>Current Nanoscience.</i>	4: 141-144. <b>(Impact factor- 2.38)</b>
58	Gade A. K, Bonde P. P., Ingle A. P., Marcato P. D., Duran N, Rai M. K. (2008),	Bio-Tech.	Exploitation of <i>Aspergillus niger</i> for fabrication of silver nanoparticles.	<i>J. Biobased Material and Bioenergy.</i>	2 (3): 243-247
59	Rai, M. K., Yadav, A. P. and Gade, A. K. (2008).		Current trends in phytosynthesis of metal nanoparticles.	<i>Critical Reviews in Biotechnology</i>	28(4): 277–284. <b>(Impact factor- 4.25)</b>
60	Rai, M. K., Yadav, A. P. and Gade, A. K. (2009).		Silver nanoparticles as a new generation of antimicrobials.	<i>Biotechnology Advances</i>	27(1): 76-82. <b>(Impact factor- 5.26)</b>
61	Birla, S. S., Tiwari, V. V., Gade, A. K., Ingle, A. P., Yadav, A. P and Rai, M. K. (2009).		Fabrication of silver nanoparticles by <i>Phoma glomerata</i> and its combined effect against <i>Escherichia coli</i> , <i>Pseudomonas aeruginosa</i> and <i>Staphylococcus aureus</i>	<i>Letters in Applied Microbiology</i>	48: 173-179. <b>(Impact factor- 2.5)</b>
62	Mude, N., Ingle, A., Gade, A and Rai, M. (2009).		Synthesis of Silver Nanoparticles by the callus extract of <i>Carica papaya</i> : A first report	<i>Plant Biochemistry and Biotechnology</i>	18: 83-86. <b>(Impact factor - 0.414)</b>
63	Ingle, A., Rai, M., Gade, A and Bawaskar, M. (2009)		<i>Fusarium solani</i> : A novel biological agent for the extracellular synthesis of silver nanoparticles.	<i>Journal of Nanoparticle Research</i>	(Published online: DOI 10.1007/s11051-008-9573-y). <b>(Impact factor- 2.6)</b>
64	Rai, M. K., Deshmukh, P., Gade, A., Ingle, A., Kövics, G. J. and Irinnyi, L. (2009).		<i>Phoma Saccardo</i> : Distribution, secondary metabolite production and biotechnological applications.	<i>Critical Reviews in Microbiology</i>	35 (3): 182-196. <b>(Impact factor- 3.6)</b>
65	Tiwari, V. V and Rai, M. K. (2009).		Incidence of <i>Candida albicans</i> infection in cerebrospinal fluid– A first report from Vidarbha, central India.	<i>Trends in Biotechnology and Pharmacy</i>	3 (1): 71-75.
66	Dr.V.S.Sapkal Dr.R.S.Sapkal Ms.S.P.Waghmare		Process optimisation by combining membrane technology, evaporation and crystallization in product recovery	ACHEMA-Membrane Science	

Sr. No.	Name of staff.	Deptt.	Title	Journal	Volume & page
67	Dr.V.S.Sapkal Dr.R.S.Sapkal Y.P.Chauhan G.S.Zamre		Microcrystalline Cellulose from cotton rags (Waste from garment and hosiery industries)	Int. J. Chem. Sci.	7(2) 681-688
68	Anil Naik & Maroti Narwade		pH metric Studies on formation constant of the complexes of substituted Pyrazoles with some lanthanide metal ions and influence of ionic strengths on complex equilibria in a 70% dioxane-water mixture	<i>Russian Journal. of Coordination chemistry (English version)</i>	35(12) 932-937
69	Anil Naik & Maroti Narwade		pH metric Studies on formation constant of the complexes of substituted Pyrazoles with some lanthanide metal ions and influence of ionic strengths on complex equilibria in a 0% dioxane-water mixture	<i>Russian Journal. of Coordination chemistry(Russian version)</i>	35(12) 944-949
70	Anil Naik & Maroti Narwade		Studies in influence of dielectric constants on complex equilibria between substituted pyrazolines and lanthanide metal ions pH metrically	<i>American-Eurasian journal of scientific research</i>	3(2) 212-216
71	<b>Tambekar, D.H.,</b> P.B. Gulhane, M.N. Dudhane and S.G. Dahikar (2008)	Micro-Biology	Nosocomial Hazards of Doctor's Mobile Phones in Hospitals.	<b>Journal of Medical Sciences</b>	<b>8(1): 73-76</b>
72	<b>Tambekar, D.H.,</b> B.S.Khante, B. K. Panzade, S.B.Dahikar, and Y.S. Banginwar (2008)		Evaluation of phytochemical and antibacterial potential of <i>Helicteres isora</i> L. Fruits against enteric bacterial pathogens.	<b>African Journal of Traditional, Complementary, and Alternative medicines (AJTCAM),</b>	<b>2008: 5 (3): 290-293</b>
73	<b>Tambekar, D.H.,</b> S.R.Gulhane, R.S. Jaisingkar, M.S.Wangikar, Y.S. Banginwar, and M.R.Mogarekar (2008).		Household Water management: A systematic study of bacteriological contamination between source and point-of-use	<b>American-Eurasian J. Agric. &amp; Environ Sci.</b>	<b>3(2): 241-246.</b>
74	<b>Tambekar, D.H.,</b> R.P.Jadhav, V.R.Dhundale, S.R.Gulhane, S.D. Tambekar, and D.D.Bhokare (2008).		Revalidation of testing methods for assessing microbial safety of drinking water for risk assessment	<b>Australian Journal of Basic and Applied Sciences</b>	<b>Australian Journal of Basic and Applied Sciences</b>
75	<b>Tambekar D.H.,</b> V.J. Jaiswal, D.V. Dhanorkar, P.B.Gulhane, and M.N.Dudhane (2008).		Microbiological hazards identification and safety of ready-to-eat street vended food in Amravati city: a case study	<b>Journal of Applied Biosciences</b>	7: 195 - 201.

Sr. No.	Name of staff.	Deptt.	Title	Journal	Volume & page
76	<b>Tambekar D.H.</b> , V. M. Ansingkar, S.D. Tambekar, and Y.S. Banginwar, (2008).		Microbial source tracking through antibiotics resistance profile for detection of fecal pollution in water.	<b>Journal of Applied Sciences Research.</b>	<b>2008,</b> 4(11): 1496-1501
77	<b>Tambekar, D. H.</b> , Dhore H. R., A. D. Kotwal, A. P. Shirbhate, and P. B. Solav, (2008).		Prevalence and antibiotic sensitivity profile of human enteric pathogens from different water sources in salinity affected villages of Vidarbha (India).	<b>Research Journal of Agriculture and Biological Sciences,</b>	<b>2008,</b> 4(6): 712-716, 2008
78	<b>Tambekar, D.H.</b> , <b>S.D.</b> Shirsat, S.R. Kakde, and K.B. Ambekar, (2009).		Hand Hygiene and Health: An epidemiological study of students in Amravati.	<b>African J. of Infectious Diseases</b>	<b>2009, 3 (1): 26 – 30</b>
79	<b>Tambekar D.H.</b> , S.M.Murekar, D.V. Dhanorkar, P.B.Gulhane, and M.N.Dudhane, (2009).		Microbial Quality and safety of street vended fruit juices: A case study of Amravati city	<b>Journal of Applied Biosciences</b>	<b>14: 782 – 787</b>
80	<b>Tambekar, D.H.</b> , S.A. Bhutada, S.D. Choudhary, and M.D. Khond, (2009).		Probiotic Potentials of Lactic Acid Bacteria Isolated From Milk of Domestic Animals,	<b>Applied Journal of Biosciences,</b>	<b>15: 815-819</b>
81	<b>Tambekar, D.H.</b> , B. S. Khante, H.S.Chandak, A.S.Titare, S.S.Boralkar, and S.N.Aghadte (2009).		Screening of antibacterial potentials of some medicinal plants from Melghat forest in India.	<b>African Journal of Traditional, Complementary, and Alternative medicines (AJTCAM),</b>	<b>2009: 6 (3): 228 – 232</b>
82	<b>Tambekar, D.H.</b> , S.R. Gulhane, D.O. Somkuwar, K.B. Ingle, S.P.Kanchalwar, M.A. Upadhye and U.A. Bidwai (2008)		Potential <i>Rhizobium</i> and Phosphate Solubilizers as a Biofertilizers from Saline belt of Akola and Buldhana District (India),	<b>Research Journal of Agriculture and Biological Sciences,</b>	<b>2009: 5(4): 578-582</b>
83	<b>Tambekar, D.H.</b> , M.V.Kalikar, R.S.Shinde, L.B.Vanjari, and R.G.Pawar (2009).		Isolation and Characterization of multiple enzyme producers <i>Bacillus</i> species from Saline belt of Purna River.	<b>Journal of Applied Sciences Research</b>	<b>2009: 5(8): 1064-1066.</b>
84	<b>Tambekar D. H.</b> Dahikar S. B and M.D.Lahare (2009)		Antibacterial potentials of Some Herbal Preparations Available in India.	<b>Research Journal of Medicine and Medical Sciences,</b>	<b>2009: 4(2): 224-227.</b>
85	<b>Tambekar D.H.</b> and Shirsat S.D. (2009).		Hand washing: A Cornerstone to prevent the transmission of Diarrheal Infection.	<b>Asian Journal of Medical Sciences</b>	1(3):100-102 (ISSN: 2040-8773).

Sr. No.	Name of staff.	Deptt.	Title	Journal	Volume & page
86	Dr.A.S.Asvar	Chemistry	Synthesis and Physicochemical Studies of some Semicarbazone Complexes,	Russian J Coord. Chem	34(3), 179, 2008.
87	Dr.A.S.Asvar	Chemistry	Synthesis and Characterization of a Novel Ammonia Gas Sensor Based o PANI-PVA Blend Thin Films,	Sensors& Transducers,	93(3), 103,2008
88	Dr.A.S.Asvar	Chemistry	synthesis,Structural and Biological Studies of Some Bivalent Metal Ion Complexes with Tridentate Schiff Base Ligand,	<u>Russian J Coord. Chem.</u>	35, 247, 2009.
89	Dr.A.S.Asvar	Chemistry	Transition Metal Complexes of Schiff Base: Synthesis, Characterization and Antibacterial Studies	<u>Journal of Coordination Chemistry</u>	1, 2009.
90	Dr.A.S.Asvar	Chemistry	<u>Synthesis, Structural Investigation and Biological Studies of Some Transition Metal Chelates of Acid Hydrazone.,</u>	Polish J.Chem.	83,565,2009
91	Dr.A.S.Asvar	Chemistry	Metal Oxides Doped PPY-PVA Blend Thin Films Based Gas Sensor,	Sensors &Transducers	101(2), 82,2009
92	Dr.A.S.Asvar	Chemistry	<u>PPY-PVA Blend Thin Films as a Ammines Sensor,</u>	Sensors &Transducers	105(6), 94,2009
93	<b>Dr.K.S.Adhav</b>	Maths	String Cloude & Domain Walls with Quark Matter in n-Dimensional Kaluza-Kelin Cosmological Model	International journal of Theoretical Physics NETHERLAN DS	Vol.47,2008 pp.634-639 DOI: 10.1007/s 10773-007-9487-y
94	Dr.A.S.Asvar	Chemistry	Kantowski-Sach Cosmological Model in General Relativity.	International Journal of Theoretical Physics NETHERLAN DS	Vol.47,2008 No.7 pp.2002-2010 DOI: 10.1007/s 10773-007-9644-3
95	<b>Dr.K.S.Adhav</b>	Maths	Axially Symmetric Cosmological Micro Model in Barber's Modified Theory of Einstein's General Relativity	International journal of Theoretical Physics NETHERLAN DS	Vol.47,2008, No.9 pp.2314-2318 DOI :10.1007/s 10773-008-9663-8

Sr. No.	Name of staff.	Deptt.	Title	Journal	Volume & page
96	<b>Dr.K.S.Adhav</b>	Maths	Plane Symmetric Domain Walls & Cosmic Strings in Scale-covariant Theory of Gravitation.	International journal of Theoretical Physics NETHERLANDS	Vol.47,2008 No.12 pp.3201-3206 DOI :10.1007/s10773-008-9755-5
97	<b>Dr.K.S.Adhav</b>	Maths	Bianchi Type-III Anisotropic Cosmological Models with Varying $\square$ .	Romanian Journal of Physics, BUCHAREST ROMANIA	Vol.53, pp.909-915 Nos. 7-8,2008
98	<b>Dr.K.S.Adhav</b>	Maths	Plane Symmetric Vacuum Bianchi Type-III Cosmological Models in Brans –Dicke Theory .	Bulgarian Journal of Physics ,BULGARIA.	Vol.34 Issue 4,2008
99	<b>Dr.K.S.Adhav</b>	Maths	Higher Dimensional String Cosmological Models in Brans –Dicke Theory of Gravitation -II.	International journal of Theoretical Physics NETHERLANDS	Vol.48,2009 No.1 pp.178-182 DOI :10.1007/s10773-008-9793-z
100	<b>Dr.K.S.Adhav</b>	Maths	Bianchi Type-III Cosmic String & Domain Walls Cosmological Model in General Relativity.	International journal of Theoretical Physics NETHERLANDS	Accepted for Publication on 29 Aug 2008 DOI :10.1007/s10773-008-9846-3
101	<b>Dr.K.S.Adhav</b>	Maths	Strange Quark Matter Attached to String Cloud in Bianchi Type-III Space Time	International journal of Theoretical Physics NETHERLANDS	Accepted on 30 oct.2008 DOI :10.1007/s10773-008-9875-y
102	<b>Dr.K.S.Adhav</b>	Maths	Non Existence of Bianchi Type-V string Cosmological Model with Bulk Viscous Fluid in General Relativity.	Astrophysics & Space Science NETHERLANDS	Vol.319,pp.81-84 Jan 2009 DOI :10.1007/s10509-008-9941-1
103	<b>Dr.K.S.Adhav</b>	Maths	Bianchi Type-I Cosmological Model in Lyra's Manifold. - Sachs Inflationary Universe in General Relativity,	Romanian Journal of Physics, BUCHAREST ROMANIA	Vol.54, Nos.1-2,2009
104	<b>Dr.K.S.Adhav</b>	Maths	Zero mass scalar field with bulk viscous cosmological solution in Lyra geometry	journal of Theoretical Physics , NETHERLANDS	DOI 10, 1007/s100773-009-0079-x,2009

Sr. No.	Name of staff.	Deptt.	Title	Journal	Volume & page
105	<b>Dr.K.S.Adhav</b>	Maths	Strange quark matter attached to string could in Bianchi type-III space time.	International Journal of Theo. Physics. NETHERLANDS	DOI 10,1007/s10509-009-0042-6, 2009
106	<b>Dr. S. D. Katore</b>	Maths	Plane Gravitational Waves Of Gauge-Invariant Generalized Field Equations With A Symmetric Fundamental Tensor In Plane Symmetric.	Journal of Mathematical Physics, American institute of physics. ISSN 0938—8974 (paper ) ISSN 1432—1467 (online)	Vol.49, 083505,2008 p. 1-13.
107	<b>Dr. S. D. Katore</b>	Maths	Generalized Plane Gravitational Waves Of Weakened Field Equations In General Relativity	Journal of Mathematical Physics, American institute of physics. ISSN 0938—8974 (paper ) ISSN 1432—1467 (online)	Vol. 50,053504,2009 p.1-9
108	<b>Dr. S. D. Katore</b>	Maths	Zero Mass Scalar Field With Bulk Viscous Cosmological Solution In Lyra Geometry	Astrophysics & Space Science NETHERLANDS ISSN:1572-946X (electronic version), Journal No.10509, Springer, Netherlands	Vol.323, No.1,2009 p. 87-90.
109	<b>Dr. S. D. Katore</b>	Maths	Kantowski-Sachs Inflationary Universe In General Relativity,	International Journal of Theoretical Physics, NETHERLANDS ISSN:1572-9575(electronic version) Journal No.10773, Springer US	Vol.48,2009 p. 2884-2888
110	<b>Dr. S. D. Katore</b>	Maths			

Sr. No.	Name of staff.	Deptt.	Title	Journal	Volume & page
111	Dr. S. D. Katore	Maths	The Inflationary Kantowski-Sachs Cosmological Model In General Relativity.	Astrophysics & Space Science <b>NETHERLANDS</b> ISSN:1572-946X (electronic version), Journal No.10509, Springer, Netherlands	Vol.323,2009 p. 293-295.
112	Dr. S. D. Katore	Maths	Zero Mass Scalar Field With Bulk Viscous Cosmological Solution In Lyra Geometry.	Astrophysics & Space Science <b>NETHERLANDS</b> ISSN:1572-946X (electronic version), Journal No.10509, Springer, Netherlands	Vol.323, No.1,2009 p. 87-90.
113	Dr. S. D. Katore	Maths	Plane Symmetric Cosmological Models With Negative Constant Declaration Parameter In Self Creatron-Theory.	Astrophysics & Space Science <b>NETHERLANDS</b> ISSN:1572-946X (electronic version), Journal No.10509, Springer, Netherlands	Vol.27E,No.1,2 008 p. 181-185.
114	Dr.Santosh Sadar	MBA	Electronic Customer Relationship Management (e-CRM) Using Adaptive Neuro Fuzzy Approach	International Journal of Computer Applications in Engineering, Technology and Science	Volume 2 Issue 1, October 2009-March 2010, p.363-369
115	Dr. D.Y. Chacharkar	MBA	<i>'The Magic of Micro-Credit: A Case Study of Grameen Bank'</i>	In The Chittagong Univeristy Journal of Commerce, A Publication of University of Chittagong, Bangladesh. (Co-author).	Vol 17, 2002 Published in February 2008,

**Appendix –B**

**I) Paper Presented At International Conferences/Seminars/ Symposium.**

Sr. No	Name of staff.	Deptt.	Title	Name of Conference	Place	Year
1	Dr.B.H.Pawar	Physics	<i>Growth And Characterization Of Glycine Mixed KDP Single Crystals For NLO Applications,</i>	International Conference On Active/Smart Materials ICASM 2009	Thiagarajar College Of Engineering, Madurai, India	(January 7-9, 2009)
2			<i>An Investigation of SHG, Thermal, FTIR Properties of L-Tartaric Acid for NLO Applications,</i>	International Conference On Active/Smart Materials ICASM 2009	Thiagarajar College Of Engineering, Madurai, India	(January 7-9, 2009)
3			<i>SHG, FT-IR and Thermal Studies of Urea Phosphate Doped KDP Single Crystals,</i>	International Conference On Active/Smart Materials ICASM 2009	Thiagarajar College Of Engineering, Madurai, India	(January 7-9, 2009)
4	Dr.G.G.Muley	Physics	<i>Growth And Characterization Of Glycine Mixed KDP Single Crystals For NLO Applications,</i>	International Conference On Active/Smart Materials ICASM 2009	Thiagarajar College Of Engineering, Madurai, India	(January 7-9, 2009)
5			<i>An Investigation of SHG, Thermal, FTIR Properties of L-Tartaric Acid for NLO Applications,</i>	International Conference On Active/Smart Materials ICASM 2009	Thiagarajar College Of Engineering, Madurai, India	(January 7-9, 2009)
6			<i>SHG, FT-IR and Thermal Studies of Urea Phosphate Doped KDP Single Crystals,</i>	International Conference On Active/Smart Materials ICASM 2009	Thiagarajar College Of Engineering, Madurai, India	(January 7-9, 2009)
7	Dr.R.S.Sapkal M.B.Dukare S.S.Balkar		Membrane Bio reactor- the future waste water technology	Indo-Italian conference on Green and clean environment,	MIT Pune	20-21 March 2008.
8	Dr.V.S.Sapkal Dr. R.S.Sapkal		Emerging trends in Engineering	Pravara International conference ,	PRE college, Loni, Dist Ahmednagar	Dec. 2008
9	A. B. Naik		International conference of Active/Smart materials ICASM-2009	International	Thiagarajan College of Engineering, Madurai, January 7-9 <sup>th</sup>	2009
10	P. B. Shingweka		Sustainable Gravity with Responsive care OTAI	International conference	Panjim, Goa 12-15 <sup>th</sup> October	2008
11	P. B. Shingwekar		International conference on Oils, Fats, Fuel & Surfactants	International conference	9-11 <sup>th</sup> October	2009
12	Dr. S.F.R. Khadri	Geology	<i>Watershed management of the</i>	"Surveillance Hotspot Geo-	M.J.College,Jalga on	21-29 Dec.20

Sr. No	Name of staff.	Deptt.	Title	Name of Conference	Place	Year
			<i>Akot region, Akola District, Maharashtra with reference to Hotspot Geoinformatics and Sensor networking, presented at on</i>	informatics and digital governance”		08
13	Dr. S.F.R. Khadri	Geology	Water resource management of Chandrabhaga River basin, Chikaldhara Region, Amravati District, Maharashtra, India with reference to Hotspot Geoinformatics	“Surveillance Hotspot Geoinformatics and digital governance”	M.J.College,Jalgaon	21-29 Dec.2008
14	Dr. S.F.R. Khadri	Geology	<i>Sensor networking and Groundwater appraisal of the Uma River basin, Akola District, Maharashtra with reference to Hotspot Geoinformatics and Sensor networking</i>	“Surveillance Hotspot Geoinformatics and digital governance”	M.J.College,Jalgaon	21-29 Dec.2008
15	Tambekar D.H. and P.B. Gulhane		Probiotics from milk of Domestic animals	National Seminar on Microbiology - From Education to Industry.	Organized by Department of Microbiology, NSB College, Nanded	23 <sup>rd</sup> and 24 <sup>th</sup> August 2008
16	Tambekar D.H. and M.V. Kalikar		National Seminar on Microbiology - From Education to Industry.	Industrially useful multienzyme producer alkaline Bacillus from Saline Tract of Puma River.	Organized by Department of Microbiology, NSB College, Nanded	23 <sup>rd</sup> and 24 <sup>th</sup> August 2008.
17	Tambekar S. D. and D.H.Tambekar		Bottled water: Is it safe.	National Seminar on Microbiology - From Education to Industry.	Organized by Department of Microbiology, NSB College, Nanded	on 23 <sup>rd</sup> and 24 <sup>th</sup> August 2008.
18	Dr.Mrs.V.N.Nat har	Botany	Amacid: A software for detection of Amino Acids	From Darwin to Dolly	Yashwant Mahavidyalay, Nanded	12 <sup>th</sup> to 14 <sup>th</sup> Feb.2009
19	MsAnuradha.C. Ghuikhedkar	Home science	Traditional Ghutti:a Source of Micronutrients	International workshop on Micronutrients and Child Health	AIMS,New Delhi	2008-09
20	Ms S V Deshmukh	Home science	Weaning Food ,Fortification ,	International workshop on Micronutrients and Child Health	AIMS,New Delhi	2008-09

ii. Paper Presented At National Conference /Seminars /Symposium.

Sr. No	Name of staff.	Deptt.	Title	Name of Conference	Place	Year
1	Dr.B.H.Pawar	Physics	<i>FT-IR and Thermal Studies of L-Arginine and L-Alanine Doped ADP single Crystals,</i>	Eight DAE-BRNS National Laser Symposium-08 (NLS-08)	Laser Science and Technology Centre, (LASTEC) Delhi.	January 7-10, 2009
2			<i>Dependence of Angle of Divergence of High Gain and X-Ray Lasers on Plasma Dimensions,</i>	Eight DAE-BRNS National Laser Symposium-08 (NLS-08)	Laser Science and Technology Centre, (LASTEC) Delhi.	January 7-10, 2009
3			<i>Enhancement Of Rate Of Transport Of Melanin By Laser Irradiation</i>	Eight DAE-BRNS National Laser Symposium-08 (NLS-08)	Laser Science and Technology Centre, (LASTEC) Delhi.	January 7-10, 2009
			<i>Growth and Characterization of L-Alanine Doped KDP crystals for SHG Applications</i>	Solid State Physics Symposium 2008 (SSPS-08)	BARC Mumbai	2008
4	Dr. S. K. Omanwar	Physics	Our experiences in synthesis of Redoped borate phosphors. S. K. Omanwar Invited Talk (perspective talk in a special Session)	National Conference on Luminescence and its Application-2009 (NCLA-2009) Proceedings Book Vol XIX PT-4 page 21-26.	Indian Association of Cultivation of Sciences (IACS), CGCRI, Kolkata	19-21 February 2009,
5	Dr.G.G.Muley	Physics	Synthesis and photoluminescence of $eu^{2+}$ doped blue emitting borate phosphor $SrAl_2B_2O_7$ at during Proceedings Book Vol XIX 42 page 160-163.	National Conference on Luminescence and its Application-2009 (NCLA-2009)	Indian Association of Cultivation of Sciences (IACS), CGCRI, Kolkata	19-21 February 2009,
			Synthesis and optically stimulated luminescence of $LiCaAlF_6:Eu$ and $Li_3PO_4:Cu$ . Proceedings Book Vol XIX 71, Page 272-275	National Conference on Luminescence and its Application-2009 (NCLA-2009)	Indian Association of Cultivation of Sciences (IACS), CGCRI, Kolkata	19-21 February 2009,
			Radiation measurements with novel techniques in Luminescence Invited Talk	National Conference o Recent trends Basic and Applied Materials	Institute of Science, Nagpur	10-11 January 2009.
			Combustion Synthesis and Photoluminescence of $Eu^{2+}$ doped UV Emitting Borate Phosphor: $BaAl_2B_2O_7$	National Conference o Recent trends Basic and Applied Materials	Institute of Science, Nagpur	10-11 January 2009

Sr. No	Name of staff.	Deptt.	Title	Name of Conference	Place	Year
			Novel Techniques in Radiation Measurements Invited Talk at,	National Conference on Display Phosphors Application NSDPA-2008	Savitha University, Chennai, Tamilnadu	10-11 October, 2008.
			<i>FT-IR and Thermal Studies of L-Arginine and L-Alanine Doped ADP single Crystals,</i>	Eight DAE-BRNS National Laser Symposium-08 (NLS-08)	Laser Science and Technology Centre, (LASTEC) Delhi.	January 7-10, 2009
			<i>Dependence of Angle of Divergence of High Gain and X-Ray Lasers on Plasma Dimensions,</i>	Eight DAE-BRNS National Laser Symposium-08 (NLS-08)	Laser Science and Technology Centre, (LASTEC) Delhi.	January 7-10, 2009
6	Dr.G.G.Muley	Physics	<i>Enhancement Of Rate Of Transport Of Melanin By Laser Irradiation</i>	Eight DAE-BRNS National Laser Symposium-08 (NLS-08)	Laser Science and Technology Centre, (LASTEC) Delhi.	January 7-10, 2009
7	Dr.G.G.Muley	Physics	<i>Growth and Characterization of L-Alanine Doped KDP crystals for SHG Applications</i>	Solid State Physics Symposium 2008 (SSPS-08)	BARC Mumbai	2008
			<i>FT-IR and Thermal Studies of L-Arginine and L-Alanine Doped ADP single Crystals,</i>	Eight DAE-BRNS National Laser Symposium-08 (NLS-08)	Laser Science and Technology Centre, (LASTEC) Delhi.	January 7-10, 2009
8	Dr.G.G.Muley	Physics	CO <sub>2</sub> GAS SENSING PROPERTIES OF SnO <sub>2</sub> -CuO THICK FILMS PREPARED BY SCREEN-PRINTING METHOD	Nat. Conf. on Recent Trends in Basic and Applied Materials	Institute of Science, Nagpur	10-11 Jan 2009,
9	Dr.G.G.Muley	Physics	National Journals –on subject – Hindi Bhasha Aur Internet.	Hindi Bhasha Vikas Mein Aadhunik Jansanchar Madyamo ki Bhumika	K.L Mahavidyalaya Published in Sominiyar, Amravati.	2008
10	Dr.G.G.Muley	Physics	Bharatiya sanvidhan Hindi Evam Anya Bharatiya Bhashaye	Sarvo Bharatiya Bhasha Sammelan	Mumbai	2008
11	Dr.G.G.Muley	Physics	'Rastrakavi Ramdharisingh Dinkar Ke Kavya Main Abhibyakt Samjik Chetana'	'Rastrakavi Ramdharisingh Dinkar Ke Kavya Main Abhibyakt Samjik Chetana'	Amravati	24-Dec., 2008
12	Dr.G.G.Muley	Physics	National Seminar – 'Hindi Samay'	'Hindi Samay'	Wardha	27-31, Jan., 2009
13	Dr.G.G.Muley	Physics	Application of membrane for product recovery using waste heat	National conference on green chemistry & its perspective,	Deptt. of Chemistry SGB Amravati university,	11-12 feb. 2008.
14	Dr.G.G.Muley	Physics	Voluetric, Viscometric, Acoustical and Optical	Nat.Con.Thermodynamics for	Nagpur	Oct. .2008

Sr. No	Name of staff.	Deptt.	Title	Name of Conference	Place	Year
	y		studies of theophylline in aqueous metal chloride solutions at 308.15K	chemists and biologists,		
15	Dr.G.G.Muley	Physics	Synthesis and Characterization of some vanadium (IV and V) complexes derived from trans(±) 1,2-diaminocyclohexane and aromatic o-hydroxycarbonyl compounds, ,	International Conference on Recent Advances in Chemistry	Dharwad.	Nov.08
16	Dr.A.S.Aswar	Chemistry	Synthesis, Characterization, Electrical Conductivity and Catalytic Activity of some Coordination polymers of Salen type Schiff Base,	National Conference on Green Chemistry,.	Surat	Feb.2009
17	Dr.G.G.Muley	Physics	<u>Synthesis, structural and biological studies of some Schiff base complexes..</u>	National Seminar on Emerging Trends and Advances in chemical sciences,	Allahabad	Feb.,2009
18	Dr Mrs Asha Mane	Home science	1)Handi Mutton and Rodge:Traditional Food of Bahiram Yatra 2)some cultural and Nutritional Importance prepared at dwadashi Indegenous food preparation celebrated in hemant Season 4)Quality of Drinking water stored by Indegenous Method 5)Traditional Practices of New born care	National Symposium on Indigenous Knowledge in Home science for Research and Development & Traditional Knowledge Show	Deptt of Home science SGBAU, Amravati	19-20 Feb 2008-09
19	Dr Mrs M P Kale	Home science	1)Therapetic Potential of Indigenous Plant Species 2)Documentation of Ethnomedicinal uses of Nutritious less famillar vegetables 3)significance of Food prepared during during celebration of Bhogi 4)Knowledge level of women about Indegeous Recepies of wild Vegetables 5) Documentation of Traditional Godhadi	National Symposium on Indigenous Knowledge in Home science for Research and Development & Traditional Knowledge Show		19-20 Feb 2—8-09

Sr. No	Name of staff.	Deptt.	Title	Name of Conference	Place	Year
20	Ms V P Dhanvijay	Home science	1)Development of Value added chapatti for diabetics 2)Evaluation of Traditional Jalebi Supplement with soy Floor & Soy Isolates	xxxxl Annual National conference of Indian Dietetic association	Hyderabad	Dec 2008
21	Ms.A c Ghuikhedkar	Home science	1)Indigenous Technical knowledge for entrepreneurship Development 2)Identification and Documentation of Pastas by Ruarl Women 3)Mande,An Indigenous bread of Vidaarbha	National Symposium on Indigenous Knowledge in Home science for Research and Development & Traditional Knowledge Show		
22	Dr S V Deshmukh		1)Grain storage practices of korku farmer  2)Traditional equipment used in food preperation	National Symposium on Indigenous Knowledge in Home science for Research and Development & Traditional Knowledge Show		
23	Mr. R. D. Sarode	Lib. Info. Sc.	E-Learning Support in Learning Institutions in India	E-Content Management CALIBER 2009	Pondicherry University & UGC INFLIBNET	Feb. 25-27, 2009
24	Dr G L Gulhane	Education	"Role of IQAC in the improvement of Academic and Administrative Performance in the Institution"	UGC Sponsored National Seminar on IQAC	Shri Shivaji College of Education, Amravati(MS	30 <sup>th</sup> and 31 <sup>st</sup> January ,2009
25	Dr.Santosh Sadar	MBA	Changing Scenario of Private Sector and Policy of Government, (Chaired Technical Session)	UGC Sponsored National Level Conference on Global Economic Recession An Opportunity to India	Smt. LRT College Akola	
26	Dr. D.Y. Chacharkar	MBA	Organisation Institute Interface: A New Mantra of Development	State Level Seminar	Shri Shivaji Arts and Commerce College, Amravati	
27	Dr. D.Y. Chacharkar	MBA	'Recovery Concept In Customer Relationship Management: A Study'	61 <sup>st</sup> All India Commerce Conference organized by Indian Commerce Association	Dhanwate National College, Nagpur (M.S.),	

<b>Sr. No</b>	<b>Name of staff.</b>	<b>Deptt.</b>	<b>Title</b>	<b>Name of Conference</b>	<b>Place</b>	<b>Year</b>
28	Sachin Gaikwad	MBA	Organisation Institute Interface: A New Mantra of Development	State Level Seminar	Shri Shivaji Arts and Commerce College, Amravati	

**Appendix –C**

**National Conferences/Seminars/Workshops Attended.**

Sr. No.	Name of Teacher	Name of Conf./ Seminars attended	Venue	Duration
1	Dr.B.H.Pawar	A Workshop on Pure Physics Curricula in Contemporary Universities: Challenges and Innovation & Convention of Physics Teachers	Vidya Bharati Mahavidyalaya, Camp, Amravati.	April 26, 2009
2		Workshop on Total Solar Eclipse-09	Deptt. of Mathematics, SGBA University, Amravati.	June 13-14, 2009
3	Dr. S. K. Omanwar	National Conference on Luminescence and its Applications NCLA-2009	CGCRI, Kolkatta	February 19-21, 2009
		National Seminar on Display Phosphors Applications NSDPA-2008	Savitha College of Engineering, Thandalam, Chennai (TN)	November 10-11, 2008
		National Conference on Nanotrends-2008	M.P.Deo Dharampeth College Nagpur	September 27, 2008
4	Dr. G.G.Muley	CDEEP's One Day TTP for teachers of Science & Engg. Faculty	SGBAU, Amravati	August 8, 2009
		A Workshop on Pure Physics Curricula in Contemporary Universities: Challenges and Innovation & Convention of Physics Teachers	Vidya Bharati Mahavidyalaya, Camp, Amravati.	April 26, 2009
		Total Solar Eclipse 2009 workshop	Department of Mathematics, SGBAU, Amravati	13-14 June 2009
		A Workshop on Pure Physics Curricula in Contemporary Universities: Challenges and Innovation & Convention of Physics Teachers	Vidya Bharati Mahavidyalaya, Camp, Amravati.	April 26, 2009
		Workshop on Total Solar Eclipse-09	Deptt. of Mathematics, SGBA University, Amravati.	June 13-14, 2009
5	Dr. S.A.Waghuley	A Workshop on Pure Physics Curricula in Contemporary Universities: Challenges and Innovation & Convention of Physics Teachers	Vidya Bharati Mahavidyalaya, Camp, Amravati.	April 26, 2009
		Workshop on Total Solar Eclipse-09	Deptt. of Mathematics, SGBA University, Amravati.	June 13-14, 2009
6	Prof. S.M. Bundeale	Hindi Bhasha Vikas Mein Aadhunik Jansanchar Madyamo ki Bhumika	Amravati	12-13/10/2008
7	Prof. S.M. Bundeale	Sarvo Bharatiya Bhasha Sammelan	Mumbai	03-05/2008
8	Prof. S.M. Bundeale	'Rastrakavi Ramdharisingh Dinkar Ke Kavya Main Abhibyakt Samjik Chetana'	Amravati	24-12/2008

Sr. No.	Name of Teacher	Name of Conf./ Seminars attended	Venue	Duration
9	Prof. S.M. Bundele	'Hindi Samay'	Wardha	27-31/01/2009
10	Dr.R.S.Sapkhal	Total Solar Eclipse	SGB Amravati University,	13-14 June 2009
11	Dr.R.S.Sapkhal	Teacher for science and engineering CDEEP IIT Mumbai	SGB Amravati University,	8 August 2009
12	Dr.R..S.Sapkhal	Lighting for Rural and Urban Low income group	SGB Amravati University,	3 Oct. 2009
13	P.A. Pawar	Total solar eclipse	SGB Amravati University, Amravati 13-14 <sup>th</sup> June	2009
14	G. M. Hend	Regional seminar on recent trends in environmental sciences	NMU Jalgoan 2 <sup>nd</sup> Feb	2008
15	G. M. Hend	Application of Radio frequency workshop drying for Agro & food product	22 <sup>nd</sup> November	2008
16	G. M. Hend	Nano technology in Polymer & chemical industries	NMU, Jalgoan 15 <sup>th</sup> March	2008
17	G. M. Hend	One day workshop on patent awareness	4 <sup>th</sup> August	2008
18	G. M. Hend	Total solar eclipse	SGB Amravati University, Amravati 13-14 <sup>th</sup> June	2009
19	G. M. Hend	Faculty Empowerment mission 10x	21-25 <sup>th</sup> December	2009
20	G. M. Hend	Teacher for science & engineering CDEEP IIT Mumbai	SGB Amravati University, Amravati 8 <sup>th</sup> August	2009
21	G. M. Hend	Advance separation process for chemical industry SICHEM-07	NEERI, Nagpur 15, December	2007
22	N. B. Selukar	Advanced Separation processes for chemical industries	NEERI, Nagpur 15, December	2007
23	N. B. Selukar	Faculty Empowerment mission 10x	21-25 <sup>th</sup> December	2009
24	N. B. Selukar	Total solar eclipse	SGB Amravati University, Amravati 13-14 <sup>th</sup> June	2009
25	N. B. Selukar	Green chemistry & its perspective	SGB Amravati University, Amravati 11-12 <sup>th</sup> Feb	2008
26	N. B. Selukar	Teacher for science & engineering CDEEP IIT Mumbai	SGB Amravati University, Amravati 8 <sup>th</sup> August	2009
27	P. K. Wankhade	Total solar eclipse	SGB Amravati University, Amravati 13-14 <sup>th</sup> June	2009
28	P. K. Wankhade	RFD Workshop	LIT, Nagpur 22 Nov	2008
29	P. K. Wankhade	Pedagogical Training in engineering education	Govt. Polytechnic college, Amravati 16-18 March	2009
30	P. K. Wankhade	Teacher for science & engineering CDEEP IIT Mumbai	SGB Amravati University, Amravati 8 <sup>th</sup> August	2009

Sr. No.	Name of Teacher	Name of Conf./ Seminars attended	Venue	Duration
31	P. K. Wankhade	Lighting for Rural & Urban low income group	SGB Amravati University, Amravati 3 <sup>rd</sup> October	2009
32	P. K. Wankhade	Faculty Empowerment mission 10x	21-25 <sup>th</sup> December	2009
33	A. B. Naik	Environment Management & sustainable development	SGB Amravati university, Amravati June 5 <sup>th</sup>	2009
34	A. B. Naik	International conference of Active/Smart materials ICASM-2009	Thiagarajan College of Engineering, Madurai, January 7-9 <sup>th</sup>	2009
35	A. B. Naik	National conference on Recent trends in material synthesis & characterization	December 4-5 <sup>th</sup>	2009
36	A. B. Naik	Modern Trends in Advanced Analytical techniques	Dept. of Chemistry, N. Wadia College, Pune (8-10 <sup>th</sup> January)	2008
37	A. B. Naik	Green chemistry & its perspective	SGB Amravati University, Amravati 11-12 <sup>th</sup> Feb	2008
38	A. B. Naik	Innovations in Basic sciences in the realm of modern education system,	JB Science College, Wardha, Dec 27 <sup>th</sup> -28 <sup>th</sup>	2008
39	A. B. Naik	Teacher for science & engineering CDEEP IIT Mumbai	SGB Amravati University, Amravati 8 <sup>th</sup> August	2009
40	S. S. Sen	Total solar eclipse	SGB Amravati University, Amravati 13-14 <sup>th</sup> June	2009
41	P. B. Shingwekar	Green chemistry & its perspective	SGB Amravati University, Amravati 11-12 <sup>th</sup> Feb	2008
42	P. B. Shingwekar	Sustainable Gravity with Responsive care OTAI	Panjim, Goa 12-15 <sup>th</sup> October	2008
43	P. B. Shingwekar	Environmental Management & sustainable development	SGB Amravati University, Amravati 5 <sup>th</sup> June	2009
44	P. B. Shingwekar	Total solar eclipse	SGB Amravati University, Amravati 13-14 <sup>th</sup> June	
45	P. B. Shingwekar	Teacher for science & engineering CDEEP IIT Mumbai	SGB Amravati University, Amravati 8 <sup>th</sup> August	2009
46	P. B. Shingwekar	Lighting for Rural & Urban low income group	SGB Amravati University, Amravati 3 <sup>rd</sup> October	2009
47	P. B. Shingwekar	International conference on Oils, Fats, Fuel & Surfactants	9-11 <sup>th</sup> October	2009
48	P. B. Shingwekar	Faculty Empowerment mission 10x	21-25 <sup>th</sup> December	2009
49	A. L. Rathod	Total solar eclipse	SGB Amravati University, Amravati 13-14 <sup>th</sup> June	2009
50	A. L. Rathod	Advance separation process for chemical industry SICHEM-07	NEERI, Nagpur 15, December	2009
51	Tambekar D. H.	National Seminar on Innovations in Basic Sciences in Realm of	J.B. Science College, Wardha.	Dec. 27 & 28, 2008.

Sr. No.	Name of Teacher	Name of Conf./ Seminars attended	Venue	Duration
		Modern Education System		(Chaired the session)
52	Dr.J.A.Tidke	National Conference	Deptt. of Bot.,Zoo. and Enviro.Sci.,Institute of Science,Nagpur	20th to 21st January, 2009
53	Dr.J.A.Tidke	National Conference	Deptt. of Life Sciences,Manipur University, Imphal	6th to 8th March, 2009
54	Dr.J.A.Tidke	Training Programme on Bio-informatics	Bioinformatics Centre of BTISnet,Department of Biotech.,Sant Gadge Baba Amravati University,Amravati	5th to 7th September, 2008
55	Dr.Mrs.V.N.Nathar	National Conference	Department of Botany, Institute of Science, Mumbai	20 <sup>th</sup> to 21 <sup>st</sup> Nov. 2008
56	Dr.Mrs.V.N.Nathar	Workshop on "Capacity building workshop for women managers in higher education"	Women Studies Centre, Shivaji University, Kolhapur	9 <sup>th</sup> to 13 <sup>th</sup> Feb., 2009
57	Dr. A. S. Awar	45 <sup>th</sup> Annual Convention of Chemists,	Dharwad	23-27Nov.2008
58	Dr. A. S. Aswar	National Seminar on Emerging Trends and Advances in Chemical Research,.	Allahabad	8-10Feb2009
59	Dr. Mrs A G Mane	National symposium on Indigenous Knowledge in Home Science for Research & Development and Traditional Knowledge Show	Deptt of Home science,SGBAU, Amravati	Feb.19-20 2009
60	Dr Mrs M P Kale	National symposium on Indigenous Knowledge in Home Science for Research & Development and Traditional Knowledge Show	Deptt of Home science,SGBAU, Amravati	Feb.19-20 2009
61	Ms V P dhanvijay	National symposium on Indigenous Knowledge in Home Science for Research & Development and Traditional Knowledge Show XXxxl Annual National Conference of Indian Dietetic Associan	Deptt of Home science,SGBAU, Amravati Hyderbad	Feb.19-20 2009 5 <sup>th</sup> -6 <sup>th</sup> Jan 2008
62	Ms A C Ghuikhedkar	National symposium on Indigenous Knowledge in Home Science for Research & Development and Traditional Knowledge Show	Deptt of Home science,SGBAU, Amravati	Feb.19-20 2009
63	Ms S V Deshmukh	National symposium on Indigenous Knowledge in Home Science for Research &	Deptt of Home science,SGBAU, Amravati	Feb.19-20 2009

Sr. No.	Name of Teacher	Name of Conf./ Seminars attended	Venue	Duration
		Development and Traditional Knowledge Show		
64	Dr. V. G. Choukhande	One Day UGC Sponsored National Seminar: Impact of Library and Information Centers in National Development	Nabira Mahavidyalaya, Katol	8 <sup>th</sup> February, 2009
65	Mr. R. D. sarode	One Day UGC Sponsored National Seminar: Impact of Library and Information Centers in National Development	Nabira Mahavidyalaya, Katol	8 <sup>th</sup> February, 2009

#### International Conferences/ Seminars/Workshops Attended.

Sr. No.	Name of Teacher	Name of Conf./ Seminars attended	Venue	Duration
1	Raut R. D.	IEE International conference on Emerging trends in Engg. And Tech. ICETET-08	G.H.Raisony college of Engg.,Nagpur	16-18 July 2008
2	Raut R. D. and K.Singh	International conference on Indian Distance Education Association,IDEA2008	Institute of distance and open learning ,Gauhati University,Assam	14-16-Nov. 2008
3	Raut R. D. And Raut D.S.	International conference on Indian Distance Education Association,IDEA2008	Institute of distance and open learning ,Gauhati University,Assam	14-16 Nov. 2008
4	Dr. S.F.R.Khadri	Digital governance Hotspot Geo-informatics	TERI University, New Delhi	1-3 June 2009
5	Dr. S.F.R.Khadri	"Surveillance Hotspot Geo-informatics and digital governance"	M.J.College, Jalgaon	21-29 Dec.2008
6	Dr.J.A.Tidke	From Darwin to Dolly	Yeshwant Mahavidyalaya, Nanded - 431 602 (M.S.) India	12th to 14th February, 2009
7	Dr. Mrs. V.N. Nathar	From Darwin to Dolly	Yeshwant Mahavidyalaya, Nanded - 431 602 (M.S.) India	12th to 14th February, 2009
8	Ms Anuradha.C.Ghuikhedkar	International workshop on Micronutrients and child Health	AIMs ,New Delhi	20-23 Oct,2009
9	Ms S V Deshmukh	International workshop on Micronutrients and child Health	AIMs ,New Delhi	20-23 Oct,2009
10	Dr G L Gulhane	57 <sup>th</sup> All India Adult Education National Conference on " Lifelong Learning: Opportunities and Challenges"	Indian Adult Education Association, New Delhi in collaboration with Shivaji University, Kolhapur(MS)	19-21 December 2008.
11	Dr. Santosh Sadar	UGC Sponsored National Level Conference on Global Economic Recession An Opportunity to India	Smt. LRT College Akola	Wednesday, December 16,2009

Sr. No.	Name of Teacher	Name of Conf./ Seminars attended	Venue	Duration
12	Dr.D.Y. Chacharkar	<i>'Drought Like Situation In Maharashtra: Special Efforts in the Context of Vidarbha'</i>	S.G.B. University	September 4 <sup>th</sup> , 2008
13	Dr.D.Y. Chacharkar	<i>'e-Governance for Common Man'</i>	Dhanwate National College, Nagpur	October 11 <sup>th</sup> , 2008.
14	Dr.D.Y. Chacharkar	All India Commerce Conference organized by Indian Commerce Association	Dhanwate National College, Nagpur	27 <sup>th</sup> -29 <sup>th</sup> December, 2008.
15	Dr.D.Y. Chacharkar	Trade Union Workers and Rural Activists	Institute of Gandhian Studies, Wardha	23 <sup>rd</sup> -25 <sup>th</sup> January, 2009.
16	Sachin Gaikwad	UGC Sponsored National Level Conference on Global Economic Recession An Opportunity to India	Smt. LRT College Akola	Wednesday, December 16,2009
17	Dr. G. N. Vankhede	International Conference on Medicinal plants and their allergic consequences	G. K. University, Haridwar	March 21-23, 2009 (Chaired sessions)