

**The Annual Quality Assurance Report (AQAR) of the IQAC
2013-14**

Part – A

1. Details of the Institution

1.1 Name of the Institution	ANANTRAO THOPTE COLLEGE
1.2 Address Line 1	A/P – Bhor, Dist Pune
City/Town	BHOR
State	MAHARASHTRA
Pin Code	412206
Institution e-mail address	atc.bhor@gmail.com
Contact Nos.	(02113) 222710
Name of the Head of the Institution:	Dr. Prasanna G. Deshmukh
Tel. No. with STD Code:	(02113) 222710
Mobile:	9822109385
Name of the IQAC Co-ordinator:	Dr. Lalasaheb G. Patil
Mobile:	9822448578
IQAC e-mail address:	atciqaclg@gmail.com
1.3 NAAC Track ID (For ex. MHCogn 18879)	Yet to be Allotted
1.4 NAAC Executive Committee No. & Date:	EC/33/225 dated 16/09/2004

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)

1.5 Website address:

www.atcbhor.com

Web-link of the AQAR:

www.atcbhor.com/AQAR 2013-14.doc

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st Cycle	B++	--	2004	5 years

1.7 Date of Establishment of IQAC: DD/MM/YYYY

19/09/2012

1.8 AQAR for the year (for example 2010-11)

2013-14

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2011-12 Submitted on 28/03/2017
- ii. AQAR 2012-13 Submitted on 28/03/2017

1.10 Institutional Status:

Affiliated to Savitribai Phule Pune University, Pune

University

State : **Yes** Central Deemed Private:

Affiliated College

Yes

Constituent College

No

Autonomous college of UGC

No

Regulatory Agency approved Institution

No

Type of Institution Co-education

Yes

Urban:

No

Rural : **Yes**

Tribal: **No**

Financial Status

Grant-in-aid : **Yes**

UGC 2(f): **Yes**

UGC 12B : **Yes**

Grant-in-aid + Self Financing : **Yes**

Totally Self-financing: **No**

1.11 Type of Faculty/Programme

Arts : **Yes** Science : **Yes** Commerce : **Yes** Law: **No** PEI (Phys Edu): **No**

Others (Specify) : Computer Science

1.12 Name of the Affiliating University (for the Colleges)

Savitribai Phule Pune University, Pune

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University: **No**

University with Potential for Excellence	--	UGC-CPE	--
DST Star Scheme	--	UGC-CE	--
UGC-Special Assistance Programme	----	DST-FIST	--
UGC-Innovative PG Programmes		Any other (<i>Specify</i>)	--
UGC-COP Programmes			

2. IQAC Composition and Activities

2.1 No. of Teachers	5
2.2 No. of Administrative/Technical staff	1
2.3 No. of students	1
2.4 No. of Management representatives	1
2.5 No. of Alumni	1
2.6 No. of any other stakeholder and community representatives	1
2.7 No. of Employers/ Industrialists	1
2.8 No. of other External Experts	1
2.9 Total No. of members	12
2.10 No. of IQAC meetings held	10

2.11 No. of meetings with various stakeholders:	No.	1	Faculty	4
	Non-Teaching Staff	1	Students	
	Alumni	2	Others	2

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.	NIL	International	NIL	National	NIL	State	NIL	Institution Level	NIL
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(ii) Themes : NA

2.14 Significant Activities and contributions made by IQAC

Planning for QIP
Suggestions to the teachers were made to involve in research related activities

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year

Plan of Action	Achievements
<ol style="list-style-type: none"> 1.Preparation of academic calendar 2.Organization of Induction programme for first year UG and PG students 3.Organization of State Level Elocution and Debating competition in January as an annual event 4.Focus on student centered teaching activities 5.Motivating faculty members for participations in seminars, conferences and present and publish papers 6.Motivating faculty to undertake research projects 7.Development of 400 metre running track 8.Exam section to be shifted to space above Geography Department 9.Chemistry Labs and Library to be shifted to the new building 10. New garden to be planned in newly created space in front of Chemistry Department 	<ol style="list-style-type: none"> 1.The academic calendar was prepared and implemented 2.Induction programmes were organized for UG and PG students 3.State Level Elocution and Debating competition was organized in January 4.Teachers and departments catered to the academic needs of the students and conducted activities like classroom seminars, tests, group discussions, etc. in order to enhance their skills 5.Various faculty members participated in seminars, conferences and presented and published papers 6.Seven faculty members are involved in PhD research. Two teachers were awarded PhD 7.The work on preparation of 400 metre running track in progress New building construction under completion 8.Examination section was shifted to new space above Geography Department 9.Chemistry Lab and Library was shifted to the newly constructed building 10. New garden was prepared in the newly created space in front of chemistry Laboratory

2.15 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body

Provide the details of the action taken

Management made suggestions to shift Chemistry Laboratory and Library to new building

CRITERION –I

Curricular Aspect

1.1 Details about Academic Programmes:

Level of the Programme	No of existing Programmes	Number of programmes added during the year	Number of self-financing Programmes	Number of value added/Career Oriented Programmes	New Initiative Programmes
Ph.D.					
P.G.	10		10		
U.G.	05		02		
P.G. Diploma					
Adv. Diploma					
Diploma					
Certificate					
Other	02		02		
Total					
Interdisciplinary	01		01		
Innovative					

1.2(i) Flexibility of the Curriculum: CBSC/Core/Elective option/Open options

(ii) Pattern of

programmes:

Pattern	Number of programmes
Semester	UG(3) PG(10)
Trimester	-
Annual	UG(2)

1.3 Feedback from

stakeholders *(On all

aspects): Alumni

Parents

Employers

Students

Mode of feedback: Online

Manual

Co-operation schools (for PEI)

*Please provides an analysis of the feedback in the Annexure

1.4 Whether there is any revision /Update of regulation or syllabi, if yes, mention their salient aspects:

- F.Y. to T.Y. B.A/B.Com/B.Sc./B.Sc (Computer Science)/BCA/M.Sc.(2013).

1.5 Any new Department/Center introduced during the year. If yes, give details: No

CRITERION – II

Teaching, Learning and Evaluation

2.1 Total No permanent faculty:

Year	Total	Asst. Professors	Associate Professors	Professors	Others
2013-14	38	8	27	-	3

2.2 Number of permanent faculty with Ph.D.:

Year	No. of faculty with Ph.D.
2013-14	14

2.3 No. of Guest and Visiting faculty and Temporary faculty:

Year	Assistant Prof.		Associate Prof.		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
2013-14	19	11	26	-	-	-	3	-	48	11

2.4 Number of Guest and Visiting faculty and Temporary faculty:

Year	Guest faculty	Visiting faculty	Temporary faculty
2013-14	12	01	04

2.5 Faculty participation in conferences, seminars and symposia:

Conference/Seminar Status	Contribution	2013-14
International	Participation	-
	Paper presented	18
	Resource/chair person	-
National	Participation	05
	Paper presented	13
	Resource/chair person	-
State/University	Participation	03
	Paper presented	01
	Resource/chair person	-

2.6 Innovative practices adopted by the institution in Teaching and Learning:

- a. Use of LCD in teaching and seminars.
- b. Screening of films

- c. Use of internet: - i) in the library by teachers and students, ii) in the departments, iii) in the laboratories, iv) on PCs, laptops and tabs
Purpose: for collecting topic related Information of academic interest, for visiting the University Website for syllabus, notifications, question papers, interaction with departments from other colleges etc.
- d. Seminar presentation: i) By students in the classrooms, by teachers in departments and classrooms for special subject students, iii) on Environmental science, iv) Human rights
- e. Administering Tutorials and Assignments
- f. Field visits - departments – Science, Geography, Functional English, Commerce
- g. Study Tours – Geography, Physics, Chemistry, Botany, Zoology, Botany, Commerce
- h. Use of power point – by teachers in classrooms and by students in seminars
- i. Student exchange programmes – B. Com
- j. Remedial course in English
- k. Use of Workbook, journals, Project Reports, in Science, Geography, English, Commerce
- l. Peer Teaching – departmental
- m. Use of charts, diagrams, display boards etc by departments in Science e and Commerce

2.7 Total number and actual teaching days during the academic year:

Year	Working Days	Teaching Days
2013-14	236	188

2.8 Examination / Evaluation Reforms initiated by the Institution:

- a. Open book exam – MSc.
- b. Letters of suggestion to the University for Examination reforms by the teachers
- a. College teachers conduct - MCQ exam
 - i. Home assignments
 - ii. Tutorials
 - iii. Seminars
 - iv. Oral presentations
 - v. Group discussions
- c. The college, as is affiliated to the University of Pune, has adopted these methods in the academic interests of the learners.
- d. Affiliated colleges are not allowed to completely modify the examination patterns.
- e. Teachers from all faculties and departments actively participate in the university exam activities such as i) syllabus designing, ii) question paper setting, iii) assessment, iv) moderation , v) invigilation, vi) Revaluation

2.9 Number of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/ Faculty / Curriculum development workshop

Year	BOS Member	Curriculum/Syllabus Restructuring	Syllabus workshops	Orientation	Refresher
2013-14	01	04	09	02	

2.10 Average percentage of attendance of the students:

82 %

2.11 Course wise/ Programme wise distribution of pass percentage:

Table-1: Undergraduate Courses

Subject	Appeared	% of Passing
Marathi	26	53.84
Hindi	11	63.63
English	25	65.38
Economics	17	56.00
History	19	52.63
Political Science	118	64.70
Geography	11	78.00
Commerce	224	59.34
Physics	11	90.91
Chemistry	69	79.16
Mathematics	39	69.87
Botany	76	93.85
Zoology	76	86.00
Computer Science	30	50.00
BCA	27	56.00

Table-2: Postgraduate Courses

Subject	Appeared	% of Passing
Marathi	37	66.60
Hindi	09	100.00
English	13	86.00
Economics	24	61.00
History	15	100.00
Political Science	-	-
Geography	29	72.00
Commerce	74	66.66
Chemistry	18	05.55
Computer Science	18	84.00

2.12 How does IQAC Contribute / Monitor / Evaluate the Teaching and Learning processes?:

- a. IQAC monitors through the Heads of the concerned Departments.
- b. Departments conduct initial, periodical and year end meetings.
- c. Class monitoring by the Heads
- d. Result evaluation by Teachers and Faculties – Suggestions
- e. Student feedback
- f. Staff Academy
- g. Attendance checking
- h. Visits to the Departments – Monitoring of Practicals
- i. Peer Teaching
- j. Yoga, meditation
- k. Feedback through Alumni Association

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	--
UGC Faculty Improvement Programmes	--
HRD Programmes	--
Orientation Programmes	--
Faculty exchange Programmes	--
Staff training conducted by the university	--
Staff training conducted by other institutions	--
Summer / Winter schools, Workshops, etc.	--
Others	--

2.14 Details of Administrative and Technical staff:

Year	Category	No. Of Permanent Employees	No. of Vacant Positions	No. of Permanent Positions filled During the Year	No. of Positions Filled Temporarily
2013-14	Administrative Staff	25	04	03	-
	Technical Staff	09	06	-	-

CRITERION – III

Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- A meeting with the principal and all staff members is organised to encourage the projects, Ph.D. registration, and student – research projects etc.
- Special leaves and casual leaves approved for teachers who want to ensure a small workshop / courses.
- Encouragement from RCC to find guides for faculty of commerce.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	Nil	Nil	Nil
Outlay in Rs. Lakhs	Nil	Nil	Nil	Nil

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	1	Nil	Nil
Outlay in Rs. Lakhs	Nil	1.3	Nil	Nil

3.4 Details on research publications

	International	National	Others
Peer Review Journals	11	7	0
Non-Peer Review Journals	1	4	0
e-Journals	0	0	0
Conference proceedings	3	6	0

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	Nil	Nil	Nil	Nil
Minor Projects	2	UGC	1.4	1.3
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil

Projects sponsored by the University/ College	Nil	Nil	Nil	Nil
Students research projects <i>(other than compulsory by the University)</i>	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total	2	1	1.4	1.3

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	Nil	Nil	Nil	Nil	Nil
Sponsoring agencies	Nil	Nil	Nil	Nil	Nil

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs : 1.3 lakhs

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/
recognitions received by faculty and research fellows
Of the institute in the year

Total	International	National	State	University	Dist	College
01	Nil	01	Nil	Nil	Nil	Nil

3.18 No. of faculty from the Institution
who are Ph. D. Guides
and students registered under them

04

10

3.19 No. of Ph.D. awarded by faculty from the Institution

03

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF Nil SRF Nil Project Fellows Nil Any other Nil

3.21 No. of students Participated in NSS events:

University level 125 State level Nil

National level Nil International level Nil

3.22 No. of students participated in NCC events:

University level 35 State level 06

National level 02 International level Nil

3.23 No. of Awards won in NSS:

University level Nil State level Nil

National level Nil International level Nil

3.24 No. of Awards won in NCC:

University level Nil State level Nil

National level Nil International level Nil

3.25 No. of Extension activities organized

University forum	Nil	College forum	02		
NCC	05	NSS	03	Any other	Nil

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Special camps organized by college and university level in adapted village.
- The inside space of **“A. T. College To S.T. Stand Road”** Cleaning Program
- The cadets of NCC attend the National, State and Group / Unit level camps.
- The NCC cadets participate in the Blood Donation, Tree Plantation camps.
- The Cadets involve in the trekking expeditions organized by college.
- Participation of “Pulse Polio Awareness Program” and “AIDs Awareness Program”, ”Health and Hygiene” and “Disaster Management Program”, “Environment Awareness Program” ,“Soil Conservation Program”, ” Watershed Program”

CRITERION – IV
Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	12 Acres	--	--	12 Acres
Class rooms	21	--	Institute	21
Laboratories	10	--	Institute	10
Seminar Halls	--	--	Institute	--
No. of important equipments purchased (\geq 1-0 Lakh) during the current year.	16	--	College	16
Value of the equipment purchased during the year (Rs. in Lakhs)	185430	--	College	185430
Others	--	--	--	--

4.2 Computerization of administration and library

Details on the computer peripherals are as follows:

Computer peripherals	Details	
Computers with exact configuration	P-III	20
	P- IV	15
	Duel Core	15
	Core 2 Duo	10
	i 3	10
	i 5	--
	N- Computing node	04
Software	Microsoft Windows Base Licenses, Campus Licenses, Dream Spark Subscription, IBM SPSS, MATLAB, SYSTAT, Wolfram Mathematica, Tally ERP 9.01, etc.	
Hardware	Switches, hub, OFC, CAT-6 cables, access points etc	
Printers	10	
Scanners	02	
LCD projectors	01	
Laptop	--	
Firewall	Cyberoam UTM including IDS, IPS and content filtering	
Net filtering	Net protector antivirus software	
Website	Website is hosted over webguru server	

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	636	122434	--	--	636	122434
Reference Books	38	13659	--	--	38	13659
e-Books	--	--	--	--	--	--
Journals	88	23770	--	--	88	23770
e-Journals	--	--	--	--	--	--
Digital Database	--	--	--	--	--	--
CD & Video	--	--	--	--	--	--
Others (specify)	11	13400	--	--	11	13400

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	60	03	01	01	01	01	08	--
Added	--	--	--	--	--	--	--	--
Total	60	03	01	01	01	01	08	--

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Training to teachers and students for technology up gradation by MSCIT Course

4.6 Amount spent on maintenance in Rupees :

i) ICT	--
ii) Campus Infrastructure and facilities	1,70,800
iii) Equipments	85,280
iv) Others	40,850
Total :	2,96,930

CRITERION-V
Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about student support services

- Prospectus & handbook.
- College website.
- UG&PG induction programme for the students.
- Informal interactions in the classroom & laboratories.

5.2 Effort made by the institution for tracking the progression

- Student interaction involving communication after the final examination.
- Database in department.
- Through the admission committee.

5.3

a) Total number of students

UG	PG	Ph.D	OTHERS
2147	327	-	-

Gender	No	%
Man	1261	47.30
Women	1405	52.70

Years wise Distribution

Years	General	SC	ST	OBC	Physically Challenged	TOTAL
LAST YEAR	2272	50	07	148	04	2479
THIS YEAR	2413	78	11	162	02	2666

Demand ratio 1:1 dropout % is negligible (less than 0.5 %)

- a) Number of students outside the state: Nil
- b) Number of international students: Nil

5.4 Details of student support mechanism for coaching for competitive examinations (if any)

- As per requirements of students coaching for competitive examinations.

- Interactions with experts & academicians.

No. of students beneficiaries: 04

5.5 No. of students qualified in these examinations

NET: - SET/SLET: - GATE : - CAT: -

IAS/IPS: - STATE PSC: - UPSC: - OTHERS: 04

5.6 Details of student counseling and career guidance

- Guest lecturers & seminars for career counseling.
- Effort by teachers at department level.

No. of students benefited: 78

5.7 Details of campus placement

- Number of organizations visited: Nil
- Numbers of students participated: Nil
- Number of Students placed : Nil
- Number of Students placed : 65 (Off Campus)

5.8 Details of gender sensitization programmes

- Lecture on gender sensitization by Dr. Mrs. Yogendra Agate
- Lecture on gender sensitization by Prof. Mrs. S. M. Jadhav
- Lecture on gender sensitization by Prof. D. J. Borkar

5.9 Student activities:

5.9.1 Number of students participated in sports ,games and other events

State/university level	National level	International level
63	01	Nil

No of students participated in cultural events

State/university level	National level	International level
06	03	Nil

5.9.2 Number of medals/awards won by students in sports, games and other events Sports:

State/university level	National level	International level
28	01	Nil

Cultural:

State/university level	National level	International level
nil	01	Nil

5.10 Scholarships and financial support

Support	Number of students	Amount
Financial support from institution	-	-
Financial support from government	1526	1530990
Financial support from other sources	-	-
No. of students who received international/national recognitions	-	-

5.11 Student organized/initiatives

Fairs: Nil

Exhibition: Nil

5.12 No of social initiatives undertaken by the students: 03

5.13 Major grievances of students (if any) redressed: Nil

CRITERION – VI

Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

Creation of centre for academic excellence to fulfill the needs of the society situated in hilly area through the holistic development of the future performers.

Mission:

A destination of academic excellence established to transform the students coming from rural and hilly area into enlightened citizens through regular, creative and innovative activities.

6.2 Does the Institution has a Management Information System

The Institute has effective Management Information System in operation. A continuous monitoring and follow up in the process is being observed.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- a) The teachers were participated in making and designing syllabus.
- b) Suggestions from the concerned teachers are forwarded to the academic section of the university.

6.3.2 Teaching and Learning

- a) With the conventional method of teaching teachers are using innovative practices in teaching like discussion, presentation etc.
- b) Group discussion methods are adopted.

6.3.3 Examination and Evaluation

- a) The Exam of FYBA/FYBCom/FYBSc are conducted by the university but evaluation is made at the college level.
- b) Second year BA/Bsc/BCom exams are conducted by university and evaluation is made through CAP method at university level.
- c) Assignments and tutorials are also conducted regularly.

6.3.4 Research and Development

- a) There is administrative support to the teachers who are engaged in research work.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- A construction of library building is completed and library is shifted from old place to new place.
- There is planning for automation of library.

6.3.6 Human Resource Management

- a) Available HR is used as per need.
- b) Teaching and non teaching staff is sent for training to the different centres.
- c) Necessary leaves are sanctioned to the staff.

6.3.7 Faculty and Staff recruitment

The teaching staff and non teaching staff is recruited as per UGC and SPPU regulations.

6.3.8 Industry Interaction / Collaboration

Planning for industrial collaborations.

6.3.9 Admission of Students

- a) Admissions process is implemented through the admission committee.
- b) Admissions are given as per terms and conditions of university rules.

6.4 Welfare schemes for

- Staff welfare fund is working for teaching and non teaching staff.
- For satisfying the needs of funds the credit society is run by the staff.
- Student-welfare scheme is available

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done

Yes

No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	University	Yes	--
Administrative	Yes	University	Yes	--

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

Not Applicable

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not applicable

6.11 Activities and support from the Alumni Association

Regular meetings are conducted and suggestion are taken from Alumni

6.12 Activities and support from the Parent – Teacher Association

Suggestions are taken from parents in meeting and they are guided to counsel their children

6.13 Development programmes for support staff

- a) Quarters are provided to support staff
- b) Concession in fees to the students of support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

- a) Maintaining of available trees
- b) Plantation of trees on campus
- c) Use of solar energy for water heating at ladies hostel

CRITERION – VII

Innovations and Best Practices

7.1. Innovation introduced during this academic year which have created a positive impact on functioning of the institution. Give details.

- Organization of state level elocution and debating competition
- Educational tours and industrial visits
- Celebrating ‘Swachhata Abhiyan’ during NSS camp in village
- Provision of LED lamps and tubes

7.2. Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year.

- The academic calendar for the year 2013-14 was prepared before the commencement of the term and was effectively implemented.
- Most of the plan chalked out in the beginning is executed successfully.
- Girl students celebrate world women’s day.
- Organization of ‘Shivjayanti’ on 19th February 2014

7.3 Give two Best Practices of the Institution.

Best Practice- 1

Title of practice – Vermiculture

- Goals**
- 1) To create (produce) organic fertilizer from biological wastes
 - 2) To keep campus clean and eco- friendly
 - 3) To save money spent for purchasing chemical fertilizers
 - 4) To develop application skill

The context

The dried leaves and biodegradable waste created on college campus is systematically used to produce the Vermicompost or organic manure.

The Practice

All dried leaves from trees on campus are collected and put into compost pits. The semi digested compost material from the compost pit is transferred to the vermi compost project, the best and advanced varieties of earthworms are put into compost medium, water is sprinkled regularly till compost is converted into organic manure.

Evidence of Success

The college has saved money which would have otherwise been utilized to purchase fertilizers for trees in garden on the campus. The vermicompost fertilizer is more productive which keeps plants more healthy and fresh.

Problems encountered and resources required

Vermi-compost needs shade, water facilities and skilled labors and experts.

Contact details

- 1) Prof. V.A. Jadhav. HOD, Dept. of Zoology, Anantrao Thopte College, Bhor Dist-Pune.
- 2) Prof V.L. Kulkarni. Dept. of Zoology, Anantrao Thopte College, Bhor Dist-Pune.

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Best Practices II

Title of practice -Mushroom Cultivation

- Goal –**
- 1) To provide protein rich food to common people
 - 2) To provide employment through cottage industry
 - 3) To provides earn and learn scheme facility
 - 4) To improve application skill

The context

The college provides earn and learn scheme to poor students for economic improvement through mushroom cultivation.

The practice

We conduct a workshop to students for developing skills in mushroom cultivation. In this workshop we impart practical skill and necessary knowledge to develop mushroom cultivation as a cottage industry. Procedure for mushroom is- preparation of mushroom bed, spawning, maintenance of bed, harvesting and marketing.

Evidence of success

It has been observed that the students from rural areas try to develop mushroom cultivation at college. Mushroom provides protein, vitamin, and minerals rich food. Mushroom is source of non conventional food. This is the good example to eradicate mal- nutrition.

Problems encountered and resources required

The students from remote areas cannot get proper supervision hence these students stay in Bhor for education. They have developed mushroom cultivation at their native place and is supervised by parents. It may cause contamination due to bad sanitation which results into less production. Requirement of wheat straw, proper fungus seed (Spawn) are not available easily.

Contact details –

- 1) Dr. P.B. Kamble. HOD, Dept. of Botany, Anantrao Thopte College, Bhor, Dist-Pune.
- 2) Dr. S.A. Gaikwad, Dept. of Botany, Anantrao Thopte College, Bhor, Dist-Pune.

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7.4. Contribution to environmental awareness/protection

- No vehicle day on first Saturday every month
- Tree plantation on college campus
- Dustbins at various places
- Vermicompost manure produced for the plants in college premises

- Construction of check dam in villages in the month of September

7.5. Whether environmental audit was conducted Yes

7.6 Any other relevant information the instruction wishes to add: SWOT Analysis

Strengths:

- 1) Qualified and research oriented experienced faculty
- 2) Beautiful and adequate campus
- 3) Cosmopolitan nature of students
- 4) Supportive management
- 5) Well equipped laboratory
- 6) Library facility

Weaknesses:

- 1) Limited placement facility due to absences of industrial area
- 2) Insufficient facility due to hilly and remote area

Opportunities:

- 1) Provision of graduation and PG facility
- 2) Exposing students to global challenges
- 3) Development of personality of the students

Threats:

- 1) Strengthening research through industry linkages
- 2) Developing communication /soft skills of students coming from vernacular medium.
- 3) Attracting more students to basic courses
- 4) Developing English communication of students



Dr. Lalasaheb G. Patil

Co-ordinator of IQAC



Dr. Prasanna G. Deshmukh

Chairman of IQAC