

Annual Quality Assurance Report (AQAR) (2016 – 2017)

Submitted by



Internal Quality Assurance Cell
Anantrao Pawar College, Pirangut,
Tal. - Mulshi, District - Pune, Pune - 412 115,
Maharashtra.

Dr. Balkrishna Zaware
Principal

To

**NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL (NAAC)**
An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India.

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The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

Part – A

1. Details of the Institution

1.1 Name of the Institution

Pune District Education Association's,
Anantrao Pawar College

1.2 Address Line 1

At/P: - Pirangut

Address Line 2

Taluka :- Mulshi

City/Town

District :- Pune

State

Maharashtra

Pin Code

412 115

Institution e-mail address

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Name of the Head of the Institution:

Dr. Balkrishna Narayan Zaware

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Name of the IQAC Co-ordinator:

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Mobile:

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IQAC e-mail address:

iqacappirangut@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN26403

1.4 NAAC Executive Committee No. & Date:

(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)

EC (Sc)/18/A& A/133.1 dated
5-11-2016

1.5 Website address:

<http://www.pdea-apc.org>

Web-link of the AQAR:

<http://www.pdea-apc.org/AQAR2016-2017.docx>

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

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.03	2016	04/11/2021
2	2 nd Cycle	NA	NA	NA	NA
3	3 rd Cycle	NA	NA	NA	NA
4	4 th Cycle	NA	NA	NA	NA

1.7 Date of Establishment of IQAC:

DD/MM/YYYY

10/08/2011

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

2016 - 2017

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 2016 – 2017 submitted to NAAC on 29/09/2017

1.10 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(e.g. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

Nil

1.12 Name of the Affiliating University (for the Colleges)

Savitribai Phule Pune University,
Ganeshkind, Pune 411 007

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	Nil	UGC-CPE	Nil
DST Star Scheme	Nil	UGC-CE	Nil
UGC-Special Assistance Programme	Nil	DST-FIST	Nil
UGC-Innovative PG programmes	Nil	Any other (<i>Specify</i>)	Nil
UGC-COP Programmes	Nil		

2. IQAC Composition and Activities

2.1 No. of Teachers	06
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	01
2.4 No. of Management representatives	01
2.5 No. of Alumni	02
2. 6 No. of any other stakeholder and community representatives	03
2.7 No. of Employers/Industrialists	01
2.8 No. of other External Experts	02
2.9 Total No. of members	18
2.10 No. of IQAC meetings held 04	04

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

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. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

- (a) Strengthening the Quality in teaching, learning and evaluation.
- (b) Monitoring and evaluating the performance of the teaching-learning activities.
- (c) Deputed Teachers for refresher/orientation courses.
- (d) Motivating students and staff for research activity.
- (e) Contributing and Guiding students and staff for social awareness.
- (f) Sensitizing students to ecological and environmental issues of Mulshi tahasil.
- (G) Educational visits were planned and executed.
- (i) To start M.A. Economics and M.Sc Physics

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
To Strengthen the Quality in teaching, learning and evaluation.	Remedial teaching and Bridge Courses were introduced
To monitor and evaluate the performance of the teaching-learning activities.	Teachers diaries were made compulsory, teaching plan were prepared and same was evaluated by the authorities.
To depute teachers for refresher/orientation courses.	16 teachers were deputed for refresher and orientation courses.

To motivate students and staff for research activity.	Lectures of eminent personalities from basic sciences were organised to motivate the students.
To Contribute and Guide students and staff for social awareness.	Survey of Non-school going kids in Mulshi taluka was done. Introduced ban on plastic usage in college campus. Lectures of Social reformers were organised to create awareness amongst staff and students
To Sensitize students to ecological and environmental issues of Mulshi tahasil.	Organised lectures of Ecologist and NGO representatives to create awareness about ecology of Mulshi and its importance.
To organise educational visits	Dept of Botany, Zoology, Chemistry, Physics and Commerce organised study tours.
To start M.A. Economics and M.Sc Physics.	Resolution passed in Management Council meeting of Parent Institute and Proposal for affiliation sent to University.

(Note: - Academic Calendar has been attached as Annexure 3.)

2.15 Whether the AQAR was placed in statutory body

Yes No

Management Syndicate Any other body

Provide the details of the action taken

N.A.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	00	00	00	00
PG	03	00	00	00
UG	05	00	00	00
PG Diploma	00	00	00	00
Advanced Diploma	00	00	00	00
Diploma	00	00	00	00
Certificate	00	00	00	00
Others				
Total	08	00	00	00
Interdisciplinary	00	00	00	00
Innovative	00	00	00	00

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	03 (S.Y/T.Y.B.Sc, M.Sc, M.Com)
Trimester	00
Annual	03 (F.Y.B.Sc/B.A/B.Com)

1.3 Feedback from stakeholders* Alumni Parents employer Students
(On all aspects)

Mode of feedback : Online Annual Non-operating schools (for PEI)

*Please provide 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.

Nil

1.5 Any new Department/Centre introduced during the year. If yes, give details.

Nil

Criterion – II

2. Teaching, Learning and Evaluation (2016-17)

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	29	25	02	01	01

2.2 No. of permanent faculty with Ph.D. 13+1 (Principal)

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	00	05	00	00	00	00	00	02	00	07

2.4 No. of Guest and Visiting faculty and Temporary faculty 00 00 09

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	01	06	08
Presented papers	00	02	04
Resource Persons	01	02	00

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

1. Power point presentation through LCD and Charts.
2. Subject teachers provide well in advance photocopies of questions to be solved, study materials and e-learning material etc.
3. Special coaching teaching to the weaker students as a part of remedial teaching.

2.7 Total No. of actual teaching days during this academic year 189

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Introduction of Bar-coding, double evaluation system and provide photocopy.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop.

00	00	00
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2.10 Average percentage of attendance of students 75%

2.11 Course/Programme wise distribution of pass percentage.

Title of Programme	Total No. of students appeared	Division				
		Distinction	I Class	II Class	III Class	Pass %
F.Y.B.A.	156	0.64%	12.82%	5.12%	37.17%	55.76%
S.Y.B.A.	95	2.10%	4.21%	6.31%	2.10%	14.73%
T.Y.B.A.	59	1.69%	10.16%	11.86%	11.86%	37.5%
T.Y.B.Sc. (CS)	11	9.09%	–	–	–	9.09%
S.Y.BSc.(CS)	6	–	0%	–	–	0%
FYBsc (CS)	6	-	50.00%	-	-	50.00%
T.Y.B.B.A.	3	-	-	-	-	0.00%
S.Y.B.B.A.	6	–	33.33%	–	–	33.33%
F.Y.B.B.A.	3	33.33%	33.33%	33.33%	–	100%
F.Y.B.SC. (Science)	50	24.00%	26.00%	–	–	50%
S.Y.B.SC. (Science)	42	35.71%	–	–	–	35.71%
T.Y.BSc. (Botany)	10	90.00%	10.00%	–	–	100%
T.Y.BSc. (Physics)	10	70.00%	30.00%	–	–	100%
T.Y.BSc. (Chemistry)	13	61.53	23.07	–	–	84.61%
T.Y.B.Com	77	–	19.48%	23.37	0	42.86%
S.Y.B.Com	140	–	–	–	27.85%	27.85%
F.Y. B. Com	205	-	(10.24%)	(20.97%)	(6.34%)	37.55%
M. Com.I	34	(64.70%)	(8.82%)	–	–	73.52%
M. Com.II	14	(14.28%)	(71.42%)	(7.14%)	–	92.85%
M.Sc.II (Organic Chemistry)	18	–	(16.66%)	–	–	16.66%
M.Sc.I (Organic Chemistry)	19	–	(5.26%)	–	–	5.26%

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

The IQAC plays central role in the teaching and learning process. IQAC has taken the following efforts for students and teachers.

For Faculty:

1. Encourage and help to faculty to use ICT in their everyday teaching.
2. To arrange the different workshops for faculty development, like interdisciplinary, Research Methodology and credit system.

For Students:

For the development of students, IQAC has taken the following efforts

1. Soft Skill development courses.
2. Disaster management.
3. Competitive Examination courses.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number benefitted of faculty</i>
Refresher courses	10
UGC – Faculty Improvement Programme	00
HRD programmes	01
Orientation programmes	03
Faculty exchange programme	00
Staff training conducted by the university	00
Staff training conducted by other institutions	00
Summer / Winter schools, Workshops, etc.	03
Others	00

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	16	02	00	00
Technical Staff	01	00	00	00

Criterion – III

3. Research, Consultancy and Extension

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

Institute encourages students and faculty members to contribute in research activities. Sanctioned research projects funded by various agencies to principal investigator are supported by organization to implement the research scheme within the stipulated frame work.

To create the enthusiasm among students and teachers, college has procured latest equipments, updated the library facilities and subscribed the research journals, magazines, proceedings, bulletins etc.

Faculty also has collaborative works with various research organizations. Some of the faculty are involved in guiding the M. Phil / Ph. D. students under Savitribai Phule Pune University, Pune. Our faculty members are involved in the research and pursuing their M. Phil / Ph. D. from different universities. Some of the faculty members are involved in research activity at their own level as well as guiding students to undertake projects.

The institute and staff are always encouraging the students to pursue research and to develop scientific temperament and aptitude. The college organizes educational tours for students of all departments to interact with the research scholars of the different universities as well as research institutes.

To make them aware about environment, botanical excursions are arranged to study biodiversity at local and regional level. Various departments of the college also organize State level seminar, workshops, and guest lecturers of distinguished personnel to motivate students.

3.2 Details regarding major projects.

	Completed	Ongoing	Sanctioned	Submitted
Number	Nil	01	Nil	Nil
Outlay in Rs. Lakhs	Nil	Rs.18,34,000	Nil	Nil

3.3 Details regarding minor projects.

	Completed	Ongoing	Sanctioned	Submitted
Number	02	Nil	Nil	Nil
Outlay in Rs. Lakhs	Rs. 2,40,000	Nil	Nil	Nil

3.4 Details on research publications

	International	National	Others
Peer Review Journals	17	01	Nil
Non-Peer Review Journals	Nil	Nil	Nil
e-Journals	Nil	Nil	Nil
Conference proceedings	Nil	01	05

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	03	Science and Engineering Research Board (SERB)	18,34,000	Rs. 15,74,000
Minor Projects	02	BCUD	2,40,000	Rs. 2,40,000
Interdisciplinary Projects	Nil	Nil	Nil	Nil
Industry sponsored	Nil	Nil	Nil	Nil
Projects sponsored by the University/ College	01	BCUD	7000	Rs. 7000
Students research projects <i>(other than compulsory by the University)</i>	Nil	Nil	Nil	Nil
Any other(Specify)	Nil	Nil	Nil	Nil
Total	-	02	Rs. 20,81,000	Rs. 18,21,000

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
INSPIRE CE DBT Star Scheme
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	01	Nil	Nil
	Sponsoring agencies	Nil	Nil	BCUD	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:

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	Nil	Nil	Nil	01	Nil

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

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

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

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events: Nil

University level State level
National level International level

3.22 No. of students participated in NCC events: Nil

University level State level

National level International level

3.23 No. of Awards won in NSS: Nil

University level State level

National level International level

3.24 No. of Awards won in NCC: Nil

University level State level

National level International level

3.25 No. of Extension activities organized: Nil

University forum College forum

NCC NSS Any other

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

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	20.2ACRE	-	-	20.2
Class rooms	16	-	-	16
Laboratories	6	-	-	
Seminar Halls	1	-	-	1
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)		311331 309990 108001	SELF BCUD UGC	311331 309990 108001
Others (Campus development)	-	1	Self	759457
Student facility centre		1	BCUD	600000

4.2 Computerization of administration and library.

Computerization of administration.

- College has purchased Digital campus software developed by eth. This is used for online students' admission process.
- Online Software application Vruddhi is used for college examination activity. (e.g. generating results).
- All gadgets are connected via CAT 5/6 cable to share resources and data.

Computerization of administration and library.

College has purchased Digital campus software developed by ETH which is having Library management modules, Various library activities are done using Software like student's attendance, book issueing , accessing of books, i-card printing .

- Barcode Technology implemented in the library.

4.3 Library services:

	Existing	Newly added	Total

	No.	Value	No.	Value	No.	Value
Text Books	3809	539775	330	56784	4139	596559
Reference Books	648	231422	273	124467	921	355889
e-Books (nlist)	12500	5000	125000	5000	135000	5000
Journals			34	30000		
e-Journals (nlist)			6000			
Digital Database	-	-	-	-	-	-
CD & Video	-	-	-	-	-	-
Others (Donated)			431	11000		

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	100	2	100 comp in n/w with Lease Line 2 Mbps up and dl speed	3	14	5	14	3 Exam-2 Iqac-1
Added	----	-	-	-	-	-	-	-
Total	100	2	100	3	-	5	14	3

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

- Computers in all departments including exam department and admin office are having LAN facilities.
- All computers are having web base digital campus software and internet services.
- Laptop repairing workshop conducted for students.
- Internet access Upload -2mbps and Download-2mbps

4.6 Amount spent on maintenance in lakhs:

i) ICT

1.71

ii) Campus Infrastructure and facilities

4.29

iii) Equipments

0.37

iv) Others

00

Total:

7.09

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Being the Chairman of IQAC, Principal gives information about student support services available in the college during First year's induction programme.

IQAC ensures students involvement in intercollegiate events by communicating them. To create awareness and visibility of the available support services, Notice boards, the College website, What's app groups, Facebook groups and class announcements are used.

IQAC ensures all reserved category students to get the scholarships on time.

IQAC ensures students participation in research work by involving them in conferences and research seminars. College reimburses their registration fees.

IQAC executes Earn and Learn Scheme where students get paid by working in college.

5.2 Efforts made by the institution for tracking the progression

Progression of the regular students tracked, through continuous assessment, periodic exams, compilation of attendance by Class Teachers and parent teacher meetings following the generation of Defaulters' Lists, and through the College Counsellor.

Annual Parent-Teacher meetings are also conducted to update the parents about progress of the students.

The Alumni Association holds Meetings to discuss the improvement of the quality of education in the institution during which track record of pass out students is also updated.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
957	89	00	00

(b) No. of students outside the state

00

(c) No. of international students

00

Men

No	%
554	52.9

Women

No	%
492	47

Last Year	This Year
-----------	-----------

General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
651	74	17	151	00	893	731	86	16	147	00	980

Demand ratio

Faculty	No of seats available	No of admitted students	Ratio
B.A.	480	350	1.37:1
B.Com	480	417	1.15:1
B.Sc	360	151	2.38:1
M.Sc	48	39	1.23:1
M.Com	120	50	2.4:1

Dropout %:-00

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

College has a separate Competitive examination committee, which organises motivational lectures of eminent personalities, conducts tutorials and regular teaching.

No. of students beneficiaries

120

5.5 No. of students qualified in these examinations

NET	00	SET/SLET	00	GATE	00	CAT	00
IAS/IPS etc	00	State PSC	00	UPSC	00	Others	00

5.6 Details of student counselling and career guidance

1. Soft skill programme was organised from 19/01/2017 to 31/01/2017 for 50 students.
2. A programme on Disaster management was organised on 16 and 17th Jan 2017. (No. of beneficiaries 95)

No. of students benefitted

145

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>	
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed	Number of Students Placed
01	05	00	09	

5.8 Details of gender sensitization programmes

- ‘Nirbhai Kanya abhiyan’ was organised on 09/02/2017 for 105 girls.
- ‘Girls personality development programme’ was organised on 16/01/2017 for 172 girls

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level **02** National level **00** International level **00**

No. of students participated in cultural events

State/ University level **00** National level **00** International level **00**

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level **02** National level **00** International level **00**

Cultural: State/ University level **00** National level **00** International level **00**

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	00	00
Financial support from government	241	2,23,155
Financial support from other sources	27	1,86,000
Number of students who received International/ National recognitions	00	00

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution:

The motto of PDEA is "*Bahujan Hitaya, Bahujan Sukhaya*" meaning,,
Welfare of All and Happiness for Every One'.

Vision:

The vision of the college is to create a class of academically, morally and ethically sound and committed citizens to cater to the needs of the society and the country as a whole in accordance with our motto:

'Transforming Society through Higher Education'.

Mission:

The college has the following mission statements:

- To provide an open access to learning irrespective of caste and religion and colour to the community from rural and hilly area.
- To develop leadership qualities and democratic values among students and thus effect their holistic development.
- To develop young generation with active and creative minds, a sense of understanding and compassion for others and courage to act on their beliefs.
- To focus on the total development of each student: spiritual, moral, intellectual, social, emotional and physical.
- To be a centre of excellence in teaching, research and extension activities

6.2 Does the Institution has a management Information System

Yes,

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

6.3.1 Curriculum Development:

- Being affiliated college, curriculum is designed and developed by the university.
- The faculty members contribute by participation in workshops on curriculum development
- Involvement of maximum teachers in curriculum development at university level and college level.

6.3.2 Teaching and Learning:

- Teachers are encouraged to use computers, Power point presentations, Internet, network resource centre and library resources to enrich their teaching.
- College has subscribed the N-LIST for providing additional teaching and learning material available online

6.3.3 Examination and Evaluation

- Evaluation of students is based on both continuous assessment (internal) and the Semester/ Annual examinations
- Objective / Multiple Choice Questions used for internal assessment tests.
- On demand photocopy of assessed answer book/s are also provided to students
- Oral examination and seminars are conducted to evaluate the performance of students.

6.3.4 Research and Development

- Soft skill development programme is conducted for graduate and postgraduate students to improve quality skills in communication, writing and interviewing.
- Eminent speakers and scientists are invited for motivational talk.
- Teachers are encouraged to submit research projects to obtain research funds from funding agencies Savitribai Phule, Pune University and UGC.
- Post graduate students are encouraged to carry out research project.
- Science exhibition organized to promote research activities of students

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library is having necessary text books, reference books and other books as per prescribed syllabus
- Library has subscribed e-books and e-journals
- Library is computerized with ETH digital campus software having barcode technology.
- All the required equipments as per the syllabus are purchased and made available to the students
- College building with administrative block, library block, 14 lecture halls, 14

6.3.6 Human Resource Management:

- Teachers are deputed for seminars, conferences and other research activities.
- The institution also motivates the achievers by awarding and felicitating those who completed M. Phil, Ph.D. degrees and publications of books or papers, etc.
- Academic committees are formed at the beginning of this year.

6.3.7 Faculty and Staff recruitment

- The institution advertises in the newspapers and through its website in order to reach the best teachers available.
- The teachers and staff are recruited as per the provisions made by the Savitribai Phule, Pune University and Maharashtra Government

6.3.8 Industry Interaction / Collaboration:

- Arranged campus interview for students.
- Arranged industrial visits for students.

6.3.9 Admission of Students:

- The admission process is online.
- The rules and regulations laid by the affiliating University and the State Government are strictly followed for students' admission.

6.4 Welfare schemes for

Teaching	02
Non teaching	02
Students	03

Following are the welfare measures for the staff and the faculty:

Welfare schemes for staff

- P. D. E. A.'s Employees Credit Co-operative Society: All permanent teaching and nonteaching faculties are members of cooperative society. The members are covered under group insurance.
- Sevak Kalyan Nidhi: It is a financial scheme which takes care of all members and its spouse by natural calamity and mischief.

Welfare schemes for student

- Student Insurance: Coverage of Rs. 50,000/- as an accidental insurance benefits under Group insurance scheme is provided to students through University of Pune
- Earn and learn scheme
- Book bank scheme

6.5 Total corpus fund generated

Yes, Total – 4636 Rs.
(Grantable 3060 + Non Grantable 1576)

6.6 Whether annual financial audit has been done: Yes

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	SMDL, Pune	Yes	PDEA Management
Administrative	Yes	SMDL, Pune	Yes	PDEA Management

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:

- Alumni association has donated books of Rs. 11000 to college library.
- Organized felicitation program of teaching and non teaching staff for success in NAAC accreditation

6.12 Activities and support from the Parent – Teacher Association:

- Nil

6.13 Development programmes for support staff:

The college organizes Seminars, Conferences, Workshops, Guest Lectures and other activities under the Quality Improvement Program.

Faculty members are promoted to participate in Orientation and Refresher course, Seminars, Conference, Workshops

Various training programmes organized for staff by parent institute PDEA

6.14 Initiatives

- Use of renewable energy: - The College has solar lamps.
- Plantation: - Efforts are taken to keep the college campus green by planting.
- Plastic-free zone
- Rain water harvesting.
- Vermi compost unit.
- Apiculture unit.

Criterion – VII

7. Innovations and Best Practices

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

- Use of bar code technology in library

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

- The plan of action conceived during the beginning of the academic year and has been successfully completed accordingly.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Biodiversity assessment of nearby villages.
- Lectures series of eminent scientist under Science association to inculcate research culture amongst students.

**Provide the details in annexure (annexure need to be numbered as i, ii, iii)*

7.4 Contribution to environmental awareness / protection

- Swachhata Abhiyan at Pirangut village

7.5 Whether environmental audit was conducted?



Yes

7.6 Any other relevant information the institution wishes to add. (For example SWOT Analysis)

There is a scope for expansion in terms of student strength as population of Pirangut is increasing due to rapid urbanization.

8. Plans of institution for next year

- Establishment of MoU's with near-by industries and Financial Institutions.
- To strengthen consultancy work
- To introduce M.Sc Physics and M.A. in Economics

Name <u>Dr. Shrinivas Ippalpalli</u>	Name <u>Dr. Balkrishna Zawate</u>
	
Signature of the Coordinator, IQAC	Signature of the Chairperson, IQAC

Tal-Mulshi, Dist-Pune 412 115

Annexure-1

Feedback analysis by Alumni for the Academic Year: 2016-17

Grade	A	B	C	D
Percentage	63	22	11	04

*A=Very Good, B=Good, C=Satisfactory, D=Unsatisfactory

The above analysis is based on 150 alumni feedback forms.

Feedback analysis by Parents for the Academic Year: 2016-17

Grade	A	B	C	D
Percentage	67	17	09	07

*A=Very Good, B=Good, C=Satisfactory, D=Unsatisfactory

The above analysis is based on 250 parent's feedback forms.

PDEA's

Anantrao Pawar College Pirangut

Tal-Mulshi, Dist-Pune 412 115

Annexure-2

Feedback analysis of Teachers for the Academic Year: 2016-17

Sr. No.	Name of the teacher	Subject	Score	Remark
1	Dr. Shinde V.M.	Chemistry	3.75	Very Good
2	Prof. Gadage D.D.	Chemistry	3.68	Very Good
3	Prof. Joshi R.R.	Chemistry	3.65	Very Good
4	Prof. Salve V.M.	Chemistry	3.72	Very Good
5	Prof. Dhakane R.B	English	3.69	Very Good
6	Prof. Karle J.A.	English	3.40	Good
7	Prof. Kadu J.D.	English	3.35	Good
8	Prof. Chavan T.R.	Marathi	3.33	Good
9	Prof Bhosale G.V.	Marathi	3.26	Good
10	Prof. More S.S.	Maths	3.60	Very Good
11	Prof. Kamble N.B.	Commerce	3.43	Good
12	Prof. Patole M.B.	Commerce	3.42	Good
13	Dr. Patil A.V.	Commerce	3.39	Good
14	Dr. Borawake K.S.	Economics	3.70	Very Good
15	Dr. Sasane A.N.	Economics	3.60	Very Good
16	Prof. Nandanwar V.S.	Economics	3.60	Very Good
17	Dr. Bhalerao S.N.	Zoology	3.50	Very Good
18	Dr. Giramkar S.V.	Zoology	3.60	Very Good
19	Dr. Ugale N.N.	Pol. Science	3.22	Good
20	Prof. Rode S.G.	History	3.18	Good
21	Dr. Zaware B.N.	Botany	3.50	Very Good
22	Prof. Chavan M.A.	Botany	3.60	Very Good
23	Dr. Sonawane H.B.	Botany	3.70	Very Good
24	Dr. Bhagat R.B.	Botany	3.80	Very Good
25	Prof. More V.B.	Electronics	3.00	Good
26	Prof. Patil S.B.	Comp. Science	3.70	Very Good
27	Prof. Ubale H.B.	Comp. Science	3.90	Very Good
28	Prof. Gole S.S.	Comp. Science	3.50	Very Good
29	Prof. Kandhare J.S.	Comp. Science	3.30	Good
30	Prof. Pathan A.S.	Comp. Science	2.60	Satisfactory
31	Dr. Patil P.N.	Geography	3.35	Good
32	Prof. Khandagale S.K.	Hindi	3.50	Very Good
33	Dr. Ghadage V.H.	Physics	3.50	Very Good
34	Dr. Kholam Y.B.	Physics	3.70	Very Good
35	Dr. Kamble M.M.	Physics	3.50	Very Good
36	Dr. Lokare S.A.	Physics	3.00	Good

* <2.50=Unsatisfactory, 2.60-2.90=Satisfactory, 3.00-3.40=Good, 3.50-4.00=Very Good

PDEA's
Anantrao Pawar College College, Pirangut, District:- Pune.
Academic calendar: Year 2016-17

Month	Activity
June 2016	<ul style="list-style-type: none"> • Admission committee meeting • Yoga Day celebration • Commencement of Teaching • Campus Interview • Departmental meetings • Preparation of SSR
July 2016	<ul style="list-style-type: none"> • College Committee meetings • Celebration of Birthday of Hon. President Shri Ajit Dada Pawar • Submission of proposals to the University under Student welfare program • One day workshop on career guidance and employment opportunities in Banking and Insurance • Mini Marathon, Painting, Poster competition, Cycle Rally, Tree Plantation and Blood donation camp organization by NSS • Campus Interview • Id Ul fitar holiday 6/7/2016 • Submission of SSR
August 2016	<ul style="list-style-type: none"> • IQAC Cell formation • Study visit to various Banks • Sadbhawana week celebrations • Samudayik Rashtrageet gayan • Independence day 15/08/2016
September 2016	<ul style="list-style-type: none"> • Student Seminar on Banking and Finance. • Internal Examinations. • Shramdan to clean College campus on NSS Day • Health check up of all First year students

	<ul style="list-style-type: none"> • Study tour • IQAC meeting • PDEA and NSS foundation Day celebrations • Teacher's Day 05/09/2016 • Ganesh Chaturthi 05/09/2016
October 2016	<ul style="list-style-type: none"> • Welcome of NAAC peer team • Celebration of wild life conservation week. • National Unity Day celebrations on Sardar Vallabh Bhai Patel Jayanti • IQAC meeting • Gandhi Jayanti Holiday 02/10/2016 • Dasara 11/10/2016 • Diwali Vacation from 24/10/2016
November 2016	<ul style="list-style-type: none"> • Second Term Starts from 19/11/2016 • To attend CAP program • Bhartiya Samvidhan divas celebrations • Swachhha and Swastha Bharat Abhiyan • IQAC meeting
December 2016	<ul style="list-style-type: none"> • Visits, Tours and Excursion for students • Celebration of Birthday Anniversary and Platinum Jubilee year of Hon'ble Shri. Sharad Chandraji Pawar Saheb (Ex-Agricultural Minister, Government of India) by organizing • Term End Examination. • Science exhibition, Rangoli exhibition, Essay Competition, Act Play, Elocution, Competition, Book exhibition, etc. • Project competition. • Off Campus Placements by Eureka Forbes • Guidance for Competitive Exams by Vivekanad Competitive Cell • Shram Sanskar Shibir at Katar Khadak (15/12/2016 to 21/12/2016) • IQAC meeting • Xmas Holiday 25/12/2016

	<ul style="list-style-type: none"> • PDEA Sports meet at Balewadi 26/12/2016
January 2017	<ul style="list-style-type: none"> • Soft Skills Development Programme • Swami Vivekananda and Savitri Bai Phule Jayanti Celebrations • Lecture on 'Human Rights' to celebrate Human Rights Day • <i>Guest lecture on Career Opportunities</i> • Soft Skills Development Programme • Science Exhibition • <i>Sports Competition</i> • State level seminar organised by History Dept. • ECG and BMI Checking Programme • Environment awareness program • Quiz. Competition • One day programme by The Government of Maharashtra on Career opportunities to students • Group discussion of Students, Seminar, Oral Examinations • Seminar on Soft Skill development • Student Paper presentations • Workshop on mobile repairing • Program on District level Maharashtra Anti-ragging Act. • IQAC meeting • Republic Day 26/01/2017
February 2017	<ul style="list-style-type: none"> • Baburaoji Gholap saheb Jayanti celebrations • Industrial visit and Educational tour • Class Test, Oral Exams, Workshop for the Students. • Participation in the Pune Youth Festival-2017 organized by Pune Municipal Corporation Pune • Tours and Excursions • World Marathi Day Celebrations • Floral Art Exhibition • Student Presentations on writers in Marathi language • Two days workshop on "Disaster Management" • Chemiad competition

	<ul style="list-style-type: none"> • Visit to various Departments of University on Science Day • Survey of non school going kids in Mulshi Taluka • Commerce Exhibition • Workshop on 'Counseling' • Internal Examinations • Alumni meet • Competitive Exam Test • Cultural programmes • Program on Girls personality development • Laptop repairing workshop • Guest lecture on 'Career Opportunities after Graduation' • Program on My Parents in My College • Annual Prize Distribution • IQAC meeting • Chatrapati Shivaji Maharaj Jayanti celebration • Mahashivaratri 24/02/2017
March 2017	<ul style="list-style-type: none"> • Syllabi, Project and journal completion, Practical Examinations. • Group discussion of Students, Seminar, Oral Examinations • Study tour • LMC meeting • IQAC meeting • Holi (Second Day) 13/03/2017 • Gudi Padwa Holiday 28/03/2017
April 2017	<ul style="list-style-type: none"> • University Examinations • Ram Navami Holiday 04/04/2017 • Dr. Babasaheb Ambedkar Jayanti 14/04/2017 • End of Academic Term

{1} Title of best practice:-

Assessment of plant diversity of adjoining villages.

1) Goal:-

- i) To expose and introduce the students to plant diversity of their own region.
- ii) To enroll and involve students and local people in plant diversity conservation.
- iii) To create the awareness for current environmental issues and sustainable development.
- iv) To collect the plant species and document the floral diversity from selected villages.
- v) To enumerate the endemic and RET (Rare Endangered and Threatened species) category of plants.

2) The context:-

Mulshi is a part of Northern Western Ghats (NWG) and is one of the hottest megabiodiversity hotspots of India. It is a treasure house of plant diversity. Hence it is highly essential to explore and document the regional diversity. It is gifted with the unique geography with very high mountains and deep valleys bordering the Deccan plateau. Besides it has major water catchment areas like Mulshi dam, Temghar dam, Varasgaon dam and adjoining Pawana dam. It has many sacred grooves which are relic, endemic forest patches with rich biodiversity which need to be protected and preserved with local people's involvement.

Deforestation, changes in land use, urbanization and industrialization are the major threats to this biodiversity hotspot. It is situated near Pune and Pimpri-Chinchwad and acts as lungs to these over populated and polluted metropolitan cities.

With an objective to make people aware of their responsibility and role in protection and conservation of this national heritage, this practice was started. It aims at training the students for plant collection, preservation using standard methods, identification and conservation practices. It also aims at creating the awareness and involvement of the local people for biodiversity conservation.

3) The Practice:-

The plants surveys were carried out in the selected villages for collection of plants in different seasons. These surveys were carried out by botany students, staff of Botany Dept. and NSS volunteers.

This was followed by herbarium preparation and identification of the collected plant specimens in the botany laboratory.

Statistical analysis was done to measure the number of families, genera, species, varieties and subspecies found in the locality. The total members of endemic and RET category plants were analysed by using Red Data Book. During the awareness campaign

4) Evidence of success:-

In the very first year of assessment it is found that the area is rich with different taxa having significant taxonomic status. In the year 2016-2017 the flora of village Katarkhadak was analyzed statistically to study the floristic composition. So far in this village total 75 species of angiosperms belonging to 25 genera and 22 families have been collected and identified. This includes families from dicotyledones and monocotyledons. Poaceae is the most dominant family followed by Fabaceae and Asteraceae. Most of the species are medicinally important and most of them are used as vegetables: *Rubia cordifolia*, *Tinospora cordifolia*, *Cordia dichotoma*, *Holarrhena antidysenterica*, *Dioscorea bulbifera*, *Clerodendrum serratum*, *Astercantha longifolia*, *Wrightia tinctoria*.

5) Problems Encountered and Resources Required:-

Problems Encountered:

Limited Co-operation from the villagers.
Scarcity of funds

Resources Required

- Students
- Staff of the Department of Botany
- Laboratory assistant and attendant
- Chemicals – HgCl₂ and Alcohol
- Herbarium Sheets and Herbarium cabinet
- Floras

6) Contact Details:-

Name of the Co-ordinator: Mrs.Minali Chavan
Name of the Institute: Anantrao Pawar College
City: Pirangut, Tehsil – Mulshi, District – Pune, Maharashtra
Pin Code: 412115
Accredited Status: A
Work Phone: 020-65247007 / 020-65245007
Website: www.pdeaapc.org
E-mail: apcpirangut@gmail.com
Mobile: +91 9850278005

{2} Title of the Practice: Popularisation of Science

Lecture series of eminent scientist under popularisation of science

2. Goals

- To create the awareness about research among the student.
- To provide the knowledge of advanced research and new technologies in various field.
- To provide the information of different research institutes in India and across.
- To provide the information of different job opportunities for the aspirant students.
- To motivate the students to take higher education in fundamental science.

3. The Context

Classroom Teaching has limitations and also the teaching as per the syllabus also limits the subject knowledge, so to bridge this gap between the syllabus framed subject and vast knowledge of subject the college thought of arranging the lecture series of eminent scientist for the undergraduate students.

The subject taught at college level and the applied aspect worked out in the industries also varies. So to bring these both ends under the one roof, experts from the industries are requested to guide the students. This enables students to cope up with the applied aspects of the subject and fetch better job opportunities.

4. The Practice / Protocol

In every academic year, commencement of second term, the students are informed about the schedule of the lecture series. The eminent scientist from various research institutes, professionals from industries, and experts from corporate sectors are invited. The power point presentations, videos, demonstrations as well as activity based on hand on trainings are also given to them by these resource persons.

The feedback of the students was very positive. These sessions with experts introduced them to recent and emerging trends in technology is also made them aware of the thirst areas in the field of research and the new upcoming research methodologies.

These interactions helped students in planning their further course of career. It broadened their horizon as their practice showcased all the probable choices, fields be it higher studies, research or job opportunities.

5. Evidence of success

- The students further went to higher studies after graduating from our college.
- The students oriented towards the job opportunities for their subject.
- The students from rural hilly areas knew the opportunities in foreign country and some of them got the job at foreign countries.

6. Problems Encountered and Resources Required

- The auditorium or audio / video hall is not available at college
- Since the college situated in remote hilly area accessibility and convince of resource person was major issue.
- The financial background of student doesn't support for the higher education and the research so even if they have good aptitude and interest in research they have to take up any job they get.

7. Notes (Optional)

1. Contact Details			
Name of Co-ordinator	Dr. Smita A. Lokare		
Name of the Institution:	Anantrao Pawar College, Taluka - Mulshi, District - Pune		
City	Pune		
Pin Code:	412 115		
Accredited Status:	Accredited 'A' Grade		
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