Annual Quality Assurance Report (AQAR) of the IQAC

Anekant Education Society's

Jaysingpur College, Jaysingpur

(2016-2017)

Submitted to

National Assessment and Accreditation Council, Bangalore

For

Assessment and Accreditation

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Principal

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

1. Details of the Institution

1.1 Name of the Institution

| Jaysingpur College, Jaysingpur |

1.2 Address Line 1

| A/P Jaysingpur Tal. Shirol, Dist- Kolhapur Pin- 416101 |

Address Line 2

| A/P Jaysingpur Tal. Shirol, Dist- Kolhapur. Pin- 416101 |

City/Town

| Jaysingpur |

State

| Maharashtra |

Pin Code

| 416101 |

Institution e-mail address

| jspcollegejsp@gmail.com |

Contact Nos.

| (02322) 225381. 226481 |

Name of the Head of the Institution:

| Prin. Dr. R. R. Kumbhar |

Tel. No. with STD Code:

| (02322) 225381, 226481 |

Mobile:

| 7757154585 |

Name of the IQAC Co-ordinator:

| Dr. S. A. Manjare |

Mobile:

| 9822215846 |

IQAC e-mail address:

| iqacjspcollege@gmail.com |

1.3 NAAC Track ID :-

| MHCOGN10775 |

1.4 NAAC Executive Committee No. and Date:

| Accreditation Certificate issued by NAAC to our College on March 17, 2016, EC (SC)/13/A&A/7202 (Copy of Certificate is enclosed) |

1.5 Website address:

www.jaysingpurcollege.edu.in

Web-link of the AQAR: http://jaysingpurcollege.edu.in/images/PDF/AQAR2016-17.pdf

1.6 Accreditation Details

S.N.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	B+	78.30	2004	5
2	2nd Cycle	A	3.01	2016	5
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC: DD/MM/YYYY   04/02/ 2004

1.8 AQAR for the year   **2016-17**

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC

NIL

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, **UGC**)

Type of Institution   Co-education [√]   Men [ ]   Women [ ]

Urban [ ]   Rural [√]   Tribal [ ]

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

3

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)
> B. Voc (Automobile, printing & publishing) Community College (Food Processing & Preserving), Computer Science.

1.12 Name of the Affiliating University   Shivaji University, Kolhapur

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

Autonomy by State/Central Govt. / University

University with Potential for Excellence [-]   UGC-CPE [-]

DBT Star Scheme [ ]   UGC-CE [-]

UGC-Special Assistance Programme [√]   [√]

UGC-Innovative PG programmes [√]   Any other (*Specify*)

DST FIST Scheme

UGC-COP Programmes [√]

2. IQAC Composition and Activities

2.1 No. of Teachers   [09]

2.2 No. of Administrative/Technical staff   [02]

2.3 No. of students   [02]

2.4 No. of Management representatives   [02]

2.5 No. of Alumni   [02]

2. 6 No. of any other stakeholder and

   Community representatives | 02 |

2.7 No. of Employers/ Industrialists | 02 |

2.8 No. of other External Experts | 02 |

2.9 Total No. of members | 23 |

2.10 No. of IQAC meetings held   **Four**

2.11 No. of meetings with various stakeholders: No. | 12 | Faculty | 04 |

        Non-Teaching Staff Students | 03 | Alumni | 02 | Others | 03 |

2.12 Has IQAC received any funding from UGC during the year?

        If yes, mention the amount | 60,000 | | √ | | |

2.13 Seminars and Conferences (only quality related)

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

Total Nos. | 01 | International | - | National | - | State | - | Institution Level | 01 |

(ii) Themes

Review of Second cycle accreditation and planning for third cycle 9th August 2016

2.14 Significant Activities and contributions made by IQAC

- Arranged One day seminar on Review of Second cycle accreditation and planning for third cycle, 9th August 2016 (Institutional level)

- Training program in self empowerment for students and teachers in collaboration with Igniting Mind Institution, Mumbai

- Promotion of teachers and students to participate in Conferences, Seminars and Workshops

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	Out Come
A meeting of IQAC to prepare road map	Road map prepared
To establish Soil and water analysis lab to develop the skill in students and provide the facilities for farmers at catchment area	Soil and water lab developed
To develop the meaningful linkages with professionals and agencies to enhance the quality of lab	A MoU signed with Archana Analytical Services and Puru lab Jaysingpur for the sharing the faculties and expertise
To get recognition of Agriculture Department, Government of Maharashtra to provide quality services and recognition	Soil and water analysis lab was recognised
To develop barren land to experiment on various crop and sensitised the student	1 hector land was brought under Bringal and Groundnuts cultivation
To organise a part of awareness campus plantation	250 saplings of different endemic and exotic plants
To enhance survival rate of plantation arrangement of drip irrigation	Drip irrigation is established
To start the digitalization of student information	Digitalisation of student data of last three years
To promote the teachers for high quality research	Dr. Sandip Sabale sent to USA for research
To Organise seminar, Workshop and Conferences	Seminar, Workshop organised
To promote the research by inspiring the faculty to publish papers	Published research papers in UGC approved Journals
To Submit the proposal for DBT star college Scheme	Proposal submitted to HRD Delhi
To promote the research proposal to funding agencies	Two Proposal submitted to SERB DST
To apply for extension of M. Sc programme	A proposal of M. Sc Analytical Chemistry submitted to Shivaji University, Kolhapur
To strive for improvement of employability of student and have special drive for employment	Seminar was organised and student were employed in various establishment

2.15 Whether the AQAR was placed in statutory body   Yes [√]   No [ ]

Management [√]   Syndicate [ ]   Any other body [ ]

Provide the details of the action taken

It was placed before local managing Committee and minor revisions were suggested.

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
Ph.D	02	-	-	-
PG	05	-	05	-
UG	18		06	-
PG Diploma	-	-	-	-
Advanced Diploma	-	02	-	-
Diploma	03		-	-
Certificate	11		11	11
Others		-		-
Total	**39**	**02**	**22**	**11**

Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

As per the Curriculum framework provided by affiliated University, we exercise the core and elective options in the term of the guidelines by affiliated University. We have also freedom to exercise a choice in terms of other elective courses. For M. Sc. CBCS Pattern has been Implemented from academic year 2016-17.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	30
Trimester	--
Annual	11

1.3 Feedback from stakeholders*Alumni [√] Parents [√] Employers [√] Students [√]

Mode of feedback : Online [ ] Manual [√] Co-operating schools (for PEI) [ ]

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

As an affiliated institute to Shivaji University Kolhapur we have no freedom to exercise the syllabus. So we follow the same design as per the university. But Institute has introduced Advance diploma in Automobile, Printing and Publishing for this Course syllabi has been designed by the institution and implemented.

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

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
27	16	11	----	----

2.2 No. of permanent faculty with Ph.D.   18

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
-	18	--	--	--	02	--	--	--	18

2.4 No. of Guest and Visiting faculty and Temporary faculty   ---   -   61

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	30	20	14
Presented papers	10	10	02
Resource Persons	-	01	05

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

- Upgraded ICT facilities.
- Teaching faculty and students are encouraged to use latest technology such as LCD, Internet etc. in teaching learning process.
- Debates, group discussions, study tours, field visits, seminars/microteaching and project based teaching method were used.
- Students were encouraged to participate in conferences and seminars and motivated to present the posters.

2.7 Total No. of actual teaching days during this academic year | 180 |

2.8 Examination/ Evaluation Reforms initiated by the institution

| Seminars, projects, open book tests, multiple choice questions, unit-tests conducted and photocopy provided. |

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

| 07 | --- | -- |

2.10 Average percentage of attendance of students

| 81% |

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2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.A. III (English)	18	01	02	05	05	72.22
B.A. III (Marathi)	16	--	02	08	--	88.00
B.A. III (Hindi)	14	-	08	04	-	85.71
B.A. III (History)	17	--	12	04	--	94.00
B.A. III (Economics)	24	04	06	10	02	91.67
B.A. III (Geography)	26	06	15	05	--	100
B.A. III (Psychology)	10	--	02	07	--	90.00
B.A. III (Political Science)	35	10	10	05	07	91.42
B.Com. III	78	13	41	21	02	98.71
B. Sc.III (Physics)	26	21	04	01	---	100
B. Sc. III (Chemistry)	123	32	54	37	---	100
B. Sc. III (Botany)	24	09	11	04	---	100
B. Sc. III (Zoology)	21	14	05	---	---	90.40
B. Sc. III (Mathematics)	46	37	07	---	---	95.65
B. Sc. III (Food Science)	30	12	11	07	---	100
Diploma in Automobile	38	11	10	09	06	94.73
Adv. Diploma in Automobile	35	09	14	04	02	82.85
Diploma in Printing & Publishing	25	06	10	05	02	92.00
Adv. Diploma in Printing & Publ.	16	09	07	---	---	100
Diploma Food Processing	16	08	05	03	---	100
BCS III	22	04	14	04	---	100

BCA III	30	05	21	04	---	100
M. A.II (Marathi)	12	---	06	04	01	91.67
M. A.II (Hind)	11	04	07	---	---	100
M. A.II (Econ)	42	02	18	15	05	95.23
M. Com. II	41	-	07	28	-	85.36
M. Sc. II (Chemistry)	27	04	10	01	---	55.55

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

To improve the all-round performance of the institution IQAC takes a constant surveillance of academic activities during the year. It contributes in monitoring and evaluating the teaching and learning process in following way.

- Review of academic audit of previous year

- SWOC Analysis of academic activities contributing perspective plans

- Preparation of Academic Calendar before commencement of academic year

- Preparation of teaching plan considering proposed time-table of semester examinations

- Grooming of academic activities with co-curricular and extra-curricular activities

- Proper and effective work-out of scheduled semester exam and evaluation

- By judicious result analysis of all programmes

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefited
Refresher courses	-
UGC – Faculty Improvement Programme	01
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others (ICT)	-

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	35	14	00	17
Technical Staff	00	00	00	00

Criterion – III

3. Research, Innovation and Extension

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

- To establish Soil and water analysis lab to develop the skill in students and provide the facilities for farmers at catchment area

- To develop the meaningful linkages with professionals and agencies to enhance the quality of lab

- To promote the teachers for high quality research

- To promote the research by inspiring the faculty to publish papers

- To Submit the proposal for DBT star college Scheme

- To promote the research proposal to funding agencies

- To enhance research culture in faculty

- To publish research papers in international enlisted journal by UGC

3.2   Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	01	-	-
Outlay in Rs. Lakhs	-	1421600	-	-

3.3   Details regarding minor projects

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

3.4   Details on research publications

	International	National	Others
Peer Review Journals	18	22	06
Non-Peer Review Journals	-	08	08
e-Journals	02	-	-
Conference proceedings	10	10	02

3.5 Details on Impact factor of publications:

Range 0.5-5   Average -   h-index 0.5-8   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	2016-17	UGC	1469620	-
Minor Projects	-	-		
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects *(other than compulsory by the University)*	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	-	-

3.7 No. of books published   i) With ISBN No.   03   Chapters in Edited Books   02

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) DST-FIST

3.10 Revenue generated through consultancy   40,000/-

3.11 No. of conferences   organized by the Institution

Level	International	National	State	University	College
Number	-	1	-	6	2
Sponsoring agencies		College		College	College

3.12 No. of faculty served as experts, chairpersons or resource persons   20

3.13 No. of collaborations   International   -   National   -   Any other   -

3.14 No. of linkages created during this year   03

3.15 Total budget for research for current year in lakhs :

From Funding agency   10,86,000/   From Management of University/College   -

Total   10,86,000/

3.16 No. of patents received this year

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

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	-	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides
     and students registered under them   12   30

3.19 No. of Ph.D. awarded by faculty from the Institution   01

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

JRF [ ]   SRF [ ]   Project Fellows [01]   Any other [ ]

3.21 No. of students Participated in NSS events:

University level [200]   State level [01]

National level [01]   International level [ ]

3.22 No. of students participated in NCC events:

University level [108]   State level [59]

National level [4]   International level [-]

3.23 No. of Awards won in NSS:

University level [03]   State level [-]

National level [ ]   International level [ ]

3.24 No. of Awards won in NCC:

University level [3]   State level [01]

National level [0]   International level [ ]

3.25 No. of Extension activities organized

University forum [ ]   College forum [3]

NCC [5]   NSS [5]   Any other [ ]

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

- Tree Plantations
- Blood donation Camp
- Village adaption
- Awareness rally of " Swacha Bharat Abhiyan" and AIDS
- Celebrated Yoga Day
- World women day

14

<p style="text-align:center;">Criterion – IV</p>

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	25 acre		-	25 acre
Class rooms	26	-	UGC/LMC	26
Laboratories	24	-	UGC/LMC	24
Seminar Halls	03	-	LMC	03
No. of important equipment's purchased ($\geq$ 1-0 lakh) during the current year.	09	07	UGC/LMC	16
Value of the equipment purchased during the year (Rs. in Lakhs)	16,12,941	86,04,394	UGC/LMC/DST	1,02,17,335
Others Swimming Pool and Indoor Stadium)	2	-	-	2
B. Voc Automobile	-	1	UGC/LMC	1
B. Voc Printing	-	1	UGC/LMC	1
DST-FIST	-	1	DST	1

4.2 Computerization of administration and library

- Improvements in administration were made by installing, Accounts Department - Tally software and I. Tax software introduced.

- The computer is used for annual budgeting, salary sheet processing and Accounts finalization - Day book ledger, Receipt and payment A/c, I and I A/c and for balance sheet. (For Income Tax - Form No. 16 and form Software - process for - M.K.C.L. was installed in the office. Each clerk has been provided with a computer for various functions.

- The computers are used for preparing internal exam question papers and result sheets.

- Sanction and disbursement of amount of Scholarship have been channelized through e-government and e-payments though nationalized banks.

- For admission purpose we have installed new software from Biyani software infotec.

- New software was purchased from lotus computer Sangli for library use.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	21516	17,73,665	745	59768	22261	1833373
Reference Books	27200	24,63,836	544	167728	27754	2631564
e-Books	N-LIST	15,000	N-LIST	5000	N-LIST	20000
Journals	139	2,49,867	86	45894	225	295761
e-Journals	N-LIST	-	N-LIST	-	N-LIST	
Digital Database	N-LIST	-	N-LIST	-	N-LIST	-
CD and Video	255	4150	11	00	266	4150
Others (*Jaydeep* /Research View)	02	98,000	01	62000	03	160000

4.4 Technology up gradation (overall)

Status	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Dept's	Others
Existing	136	06	54	28	04	06	24	09
Added	-	-	-	-	-	-	-	-
Total	136	06	54	28	04	06	24	09

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

- Provide best internet facility to each department (with speed of 100 mbps)

4.6 Amount spent on maintenance in lakhs:

i) ICT

-

ii) Campus Infrastructure and facilities

4854876

iii) Equipment's

8604394

iv) Others

-

Total:

13459270

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Circulation of notices and notice-board displays.
- Mail correspondence
- SMS service
- Email and online massages
- Mobile services for physically challenged candidates

5.2 Efforts made by the institution for tracking the progression

By proper decentralisation with committees, the workforce monitors the progression. The various committees lead to track out the proper progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2504	372	13	00

(b) No. of students outside the state

05

(c) No. of international students

NIL

Men

No	%
1795	62.13

Women

No	%
1094	37.87

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1687	316	02	220	04	2229	2036	330	02	517	04	2889

Demand ratio 1:1   Dropout %: 0.86%

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

Anekant Competative Examination Centre and Career Guidance Cell and Placement Cell have conducted following activities in support mechanism for coaching for competitive examination.
- M.P.S.C. Foundation course was arranged for 3 months
- Career Guidance lectures were organised department wise.
- Every department provided the websites to the students for specific courses.
- Skill development programmes were arranged
- Guidance programme on Carrier Opportunities in Life Insurance Sector on 22/07/2016.
- One day workshop on Career in Banking on 17/02/2017.
- Placement Camp for B.Com. and M.Com on 21st Dec. 2016.

No of students beneficiaries   53

5.5 No. of students qualified in these examinations

NET 01   SET/SLET 00   GATE -   CAT -

IAS/IPS etc -   State PSC 01   UPSC -   others 01

5.6 Details of student counselling and career guidance

Career Guidance Cell and Placement Cell has organised following activities to promote career opportunities for U.G. and P.G. students

1. Jaysingpur College, Jaysingpur and Swabhimani Pratistan jointly organised Guidance workshop to the students.
2. "Competitive Exam" a Golden Carrier One Day Workshop on 10th Feb. 2017 .
3. One day workshop organised by Marathi Department on 7th Jan. 2017 on NET-SET

No. of students benefited   50

5.7 Details of campus placement

| | *On campus* | | *Off Campus* |
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
01	50	11	00

5.8 Details of gender sensitization programmes

- A one day seminar has been organised by Jaysingpur college, Jaysingpur on the subject **"The awareness of ladies in society" on 15th Sept. 2017**

5.9 Students Activities

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

State/ University level 06   National level 03   International level -

No. of students participated in cultural events

State/ University level | 08 | National level | - | International level | - |

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

Sports: State/ University level | 06 | National level | - | International level | - |

Cultural: State/ University level | - | National level | - | International level | - |

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution (SAF)	05	1,01,295/-
Financial support from government	1880	47,63,000/-
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11   Student organised / initiatives

Fairs   : State/ University level | 01 | National level | - | International level | - |

Exhibition: State/ University leve | 07 | National level | 00 | International level | - |

5.12   No. of social initiatives undertaken by the students | 27 |

5.13 Major grievances of students (if any) redressed: **02**

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To construct the enlightened and humane society through meaningful, value based and quality education

Mission:

- ➢ To generate and disseminate the knowledge amongst the students and society through continuous efforts by teaching, learning and research practices at par with the global standards
- ➢ To inculcate the national values of socialisms, secularism and democracy so as to built a society striving for social and economical justice
- ➢ To build scientific society based on rational values and freedom of expression
- ➢ To empower the students with modern technology of learning and research to address new challenges in the world

6.2 Does the Institution has a management Information System

The institute has established management information system using ICT. The students information is digitalized and made user friendly. The information dissipation is mostly via emode i.e. SMS, Whatsapp and email. The information required of the management from the stakeholders is mostly collected in online mode. The policies and decisions made by management committee, CDC and planning committee are transparently made available to the teachers and administrative staff. Feedback The institution is trying to strengthen the feedback mechanism through grievances and suggestion box, student adoption scheme, parents, alumina and employers meets. We are on the verge of starting online feedback process for students and parents. The information from Government, University, UGC, RUSA etc. are circulated to the stakeholders immediately using Whatsapp messages. The various reports are collected through by emails on institutes' website. The traditional methods like display on notice board, manual feedback, group discussion are also continued to involve all the stakeholders in information network. The teachers and administrative staff is refreshed through periodic workshops.

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

6.3.1 Curriculum Development

- ➢ The institute has formed good strategy to participate in the curriculum development of various subjects of the university courses.

- Dr. S.B. Bansode and Dr. S.S. Mahjan were worked as BOS members in Hindi and Physics respectively in the Shivaji University, Kolhapur. Three members worked in syllabus framing sub committees.
- The syllabus is discussed at departmental level and the suggestions are sent to the University.
- B.Voc. Automobile and Printing and Publishing syllabus were framed and the approval is taken from University.

6.3.2 Teaching and Learning

- ICT based learning is promoted and teachers have prepared PPT's on various topics and show in the classroom.
- Students seminars were organized in B.Sc.III, B.Com.III, B.A.III and PG classes. Project based learning is introduced for B.Sc.III Chemistry, Botany, Zoology and PG courses.
- Study tours and field visits were organized for last year students of all faculties to receive hands on experience.
- Choice Based Credit System is introduced for PG courses.
- The teachers are promoted to use Charts and models used for effective teaching and learning process for all classes.
- Nuclear Physics charts for Atomic Bombings and Wildlife charts were prepared by students of Physics and Zoology Department.
- Following tours and field visits were organized during the year:

  1. Swabhimani Milk dairy, Jaysingpur

  2. Apiculture, sericulture, Fishery Department, Bondla wildlife century Goa, Balasaheb

     Sawnt Agriculture University, Dapoli, Marine biodiversity.

  3. Indian space Research Organization, Trivendrum, Goa Science centre, Goa.

  4. Sagareshwar Wild life century

  5. Ichalkaranji garment, Ichalkarnji.

6.3.3 Examination and Evaluation

- The semester exams were conducted as per instructions and rules of Shivaji University, Kolhapur.
- The internal tests and tutorials were planned and conducted for all classes.

- ➤ The examination committee is modified and improved according to university instructions and facilities for online printing and distributing of question papers was implemented.
- ➤ The evaluation through oral and group discussion was implemented by few departments.

6.3.4 Research and Development

- ➤ The faculty was promoted to carry out the research by submitting the proposals to various funding agencies, enroll for M.Phil, Ph.D. and postdoctoral research.
- ➤ 20 research papers have been presented in National and International conferences by faculties.
- ➤ 50 Research papers have been published in National and International journals by faculties.
- ➤ One ongoing research project going on funded by UGC.
- ➤ 3 books with ISBN numbers were published and 2 book chapters written by the faculty.
- ➤ Research linkages were established with Puru Laboratory, Jaysingpur, Archana Analytical services, Kolhapur and Swabhimani Agro Milk Dairy, Jaysingpur.
- ➤ Dr. B.M. Rathor received "Fellow of Indian Society of Agricultural Biochemist" from Agricultural University, Anand.
- ➤ Department of Food Science organized Two days University level Conference on Advances in food processing on 18-19 Oct. 2016.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library

- ➤ Books of Rs. 1, 47,500/- were purchased.
- ➤ Library administrations like issue / return of books are maintained through commercial library software. The library building is enabled with internet facility.
- ➤ Every year, additional volumes of books are added based on the requirements from all the departments. Apart from the central library, every department has a Departmental Library.

ICT
- ➤ Number of class rooms and laboratories are enabled with ICT tools.
- ➤ Computer laboratory with internet connection
- ➤ In each Department there is computer facility with internet connection

Physical infrastructure

- Water and Soil analysis laboratory has been constructed.
- The green ambience of the campus is maintained by the campus office.

6.3.6 Human Resource Management

- Principal manages Human Resource of College, such as recruitment, development, appointments, promotions, training, assessment of faculty and staff
- Faculties are promoted to participate and to present their research papers in Conference / Workshop conducted outside the Institution.
- Mrs. D.S. Bamane completed Refresher course organized by North Bengal University, Darjeeling from 2nd Nov. to 22 nd Nov. 2016.
- Mr. S.B. Daphalapurkar completed Summer School organized by S.F. Pune University from 20/9/2026 to 10/10/2016.

6.3.7 Faculty and Staff recruitment

- Contractual basis faculty and staff is recruited as per rules and regulations of Government and Shivaji University Kolhapur.

6.3.8 Industry Interaction / Collaboration

Arranged industrial visits, in-plant project training and internship programmes to the students, for getting practical exposure and knowledge in the industrial environment to the following industries,

1. Swabhimani Milk dairy, Jaysingpur
2. Apiculture, sericulture, Fishery Department, Bondla wildlife century Goa, Balasaheb Sawnt Agriculture University, Dapoli, Marine biodiversity.
3. Indian space Research Organization, Trivendrum, Goa Science centre, Goa.
4. Sagareshwar Wild life century
5. Ichalkaranji garment, Ichalkarnji.

6.3.9 Admission of Students

The admission process covers both minorities, constitutional and social reservation norms.

- Admission process is effective, transparent and convenient to the student
- Admissions are made up on rules and guidelines of Shivaji University, Kolhapur
- Admissions are made up on merit basis.

6.4 Welfare schemes for

Teaching	01
Non teaching	03
Students	03

6.5 Total corpus fund generated

NIL

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	No	No	Yes	Principal
Administrative	Yes	CA	Yes	Principal

6.8 Does the University/ Autonomous College declares 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?

NA

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

NA

6.11 Activities and support from the Alumni Association

> - Few students of the alumni are entrepreneurs; they motivate and guide the students to become entrepreneurs.
> - Department of mathematics organised alumni meet on 14th January 2017
> - Members of alumni donated books to departmental libraries of Chemistry and mathematics departments.

6.12 Activities and support from the Parent – Teacher Association

> ➢ Parent Teacher Association meeting is conducted to know about the students' progress.
> ➢ Students and Parents feedback is taken and suggestions are incorporated for further development.
> ➢ College monitors the progress of the students and communicates it to the parents also

6.13 Development programmes for support staff

> ➢ Yoga training on International Yoga Day conducted in college campus
> ➢ Support staff visited Tulajaram Chaturchand College, Baramati for Administrative purpose

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

> ➢ Rain water harvesting
> ➢ Tree plantation
> ➢ Drip irrigation
> ➢ Waste water treatment
> ➢ Solar water heater in ladies hostel
> ➢ Tree plantations in Campus

Criterion – VII

7. Institutional values 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.

➢ The concept of biodiversity register was introduced amongst the students and campus insect diversity register was prepared by zoology students under the guidance of Dr. S.A. Manjare.

➢ The insects occurring in the campus well classified as farmer friendly and crop enemy insects. It made positive impact on the zoology students as they got deeper understanding in the world of insects and this register will be helpful to farmers in the tehasil.

➢ Plant diversity of the campus was prepared and a handbook of collection of Herbarium sheets of 50 endemic species was prepared and it was displayed for all the students in the campus.

➢ Government recognized soil and water analysis laboratory was established and made for the society during this year. The innovation was started by Dept. of Chemistry and more than 500 soil samples from various villages of Shirol tehesil were analysed and the farmers were given the soil health card. This is under the programme college to community. This activity is highly welcomed by the farmer society.

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

A meeting of IQAC to prepare road map	Road map prepared
To establish Soil and water analysis lab to develop the skill in students and provide the facilities for farmers at catchment area	Soil and water lab developed
To develop the meaningful linkages with professionals and agencies to enhance the quality of lab	A MoU signed with Archana Analytical Services and Puru lab Jaysingpur for the sharing the faculties and expertise
To get recognition of Agriculture Department, Government of Maharashtra to provide quality services and recognition	Soil and water analysis lab was recognised
To develop barren land to experiment on various crop and sensitised the student	1 hector land was brought under Bringal and Groundnuts cultivation
To organise a part of awareness campus plantation	250 saplings of different endemic and exotic plants
To enhance survival rate of plantation arrangement of drip irrigation	Drip irrigation is established
To start the digitalization of student information	Digitalisation of student data of last three years
To promote the teachers for high quality research	Dr. Sandip Sabale sent to USA for research
To Organise seminar, Workshop and Conferences	Seminar, Workshop organised
To promote the research by inspiring the faculty to publish papers	Published research papers in UGC approved Journals
To Submit the proposal for DBT star college Scheme	Proposal submitted to HRD Delhi
To promote the research proposal to funding agencies	Two Proposal submitted to SERB DST
To apply for extension of M. Sc programme	A proposal of M. Sc Analytical Chemistry submitted to Shivaji University, Kolhapur
To strive for improvement of employability of student and have special drive for employment	Seminar was organised and student were employed in various establishment

7.3 Give two Best Practices of the institution -

- Digitalization of the students' information from the general register which enables the office to get bonafide certificate, TC, Leaving certificate at single click.
- To conserve the biodiversity in the campus to increase the survival rate of the plantation drip irrigation is installed.

BEST PRACTICE – I

Digitalization of the students' information from the general register which enables the office to get Bonfide certificates, TC, Leaving certificate at single click.

Goal: To walk towards user friendly management information system

The context: The general register is an authentic and lifetime document of an Institute. Any student from any year can claim the bonafide, character certificate, leaving certificate or transfer certificate. It is very hectic and time consuming to find the record of a particular student from the manual general register. The digitization of the register enables to get the record on a single click.

The practices: In traditional method probability of human errors, time delay and the probability of production of faulty documents was observed. Now the new practice is fast and accurate.

Evidence of success: Hundreds of bonafides and Transfer certificates are produced and delivered on the same day of the application.

Problem encountered and resources required: the general registered record is lengthy and complicated and human errors in digitising the records were accord some times which were eliminated by monitoring and inspection. The mental makeup of the old office staff initially opposed the new practice.

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BEST PRACTICE – II

To conserve the biodiversity in the campus to increase the survival rate of the plantation drip irrigation is installed.

Goal: To achieve 100% survival of the plantation in the campus.

The context: It is observed that the general survival rate of public plantation is less than 50%. Because after the rainy season the periodic watering of the plants using human labour is difficult due to human errors, laziness, gap in watering due to vacations, high labour charges

and it is time consuming. The drip irrigation may bring the drastic positive change in the survival of the plants.

The practices: The gardener and assistant were watering the plants manually, the institute has area about 25 acres so manual watering requires more than four days. The supervision was difficult resulting death or drying of the plants. The best practice of installation of drip irrigation raised the survival rate upto 90%. The finance required for installation is given by the teaching, nonteaching staff and management. The break even of the venture comes after 3 years.

Evidence of success: In year 2016-17, 200 saplings were planted of them 182 survived and well grown after a year. In addition the old plantation in botanical garden, around the ground and other areas were also survived.

Problem encountered and resources required: The traditional mentality and investment required for the venture were main problems. Continuous awareness and interactions inspired the staff to donate for the drip irrigation.

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