

Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) in Accredited Institutions
(Revised in October 2013)

AQAR for the academic year

2017-2018



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

VISION

To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.

MISSION

- ☞ To arrange for periodic assessment and accreditation of institutions of higher education or units thereof, or specific academic programmes or projects;*
- ☞ To stimulate the academic environment for promotion of quality of teaching-learning and research in higher education institutions;*
- ☞ To encourage self-evaluation, accountability, autonomy and innovations in higher education;*
- ☞ To undertake quality-related research studies, consultancy and training programmes, and*
- ☞ To collaborate with other stakeholders of higher education for quality evaluation, promotion and sustenance.*

Value Framework

To promote the following core values among the HEIs of the country:

- *Contributing to National Development*
- *Fostering Global Competencies among Students*
- *Inculcating a Value System among Students*
- *Promoting the Use of Technology*
- *Quest for Excellence*

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Guidelines for the Creation of the Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR) in Accredited Institutions

Introduction

In pursuance of its Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post-accreditation period, it will channelize all efforts and measures of the institution towards promoting its holistic academic excellence.

The guidelines provided in the following pages will guide and facilitate the institution in the creation and operation of the Internal Quality Assurance Cell (IQAC). The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives. Its success depends upon the sense of belongingness and participation it can inculcate in all the constituents of the institution. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies to remove deficiencies and enhance quality like the "Quality Circles" in industries.

Objective

The primary aim of IQAC is

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Strategies

IQAC shall evolve mechanisms and procedures for

- a) Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks;
- b) The relevance and quality of academic and research programmes;

- c) Equitable access to and affordability of academic programmes for various sections of society;
- d) Optimization and integration of modern methods of teaching and learning;
- e) The credibility of evaluation procedures;
- f) Ensuring the adequacy, maintenance and proper allocation of support structure and services;
- g) Sharing of research findings and networking with other institutions in India and abroad.

Functions

Some of the functions expected of the IQAC are:

- a) Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution;
- b) Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- c) Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes;
- d) Dissemination of information on various quality parameters of higher education;
- e) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- f) Documentation of the various programmes/activities leading to quality improvement;
- g) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- h) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- i) Development of Quality Culture in the institution;
- j) Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC.

Benefits

IQAC will facilitate / contribute

- a) Ensure heightened level of clarity and focus in institutional functioning towards quality enhancement;
- b) Ensure internalization of the quality culture;
- b) Ensure enhancement and coordination among various activities of the institution and institutionalize all good practices;
- c) Provide a sound basis for decision-making to improve institutional functioning;
- d) Act as a dynamic system for quality changes in HEIs;
- e) Build an organised methodology of documentation and internal communication.

Composition of the IQAC

IQAC may be constituted in every institution under the Chairmanship of the Head of the institution with heads of important academic and administrative units and a few teachers and a few distinguished educationists and representatives of local management and stakeholders.

The composition of the IQAC may be as follows:

1. Chairperson: Head of the Institution
2. A few senior administrative officers
3. Three to eight teachers
4. One member from the Management
5. One/two nominees from local society, Students and Alumni
6. One/two nominees from Employers /Industrialists/stakeholders
7. One of the senior teachers as the coordinator/Director of the IQAC

The composition of the IQAC will depend on the size and complexity of the institution. It helps the institutions in planning and monitoring. IQAC also gives stakeholders or beneficiaries a cross-sectional participation in the institution's quality enhancement activities. The guidelines given here are only indicative and will help the institutions for quality sustenance activities.

The membership of such nominated members shall be for a period of two years. The IQAC should meet at least once in every quarter. The quorum for the meeting shall be two-third of the total number of members. The agenda, minutes and Action Taken Reports are to be documented with official signatures and maintained electronically in a retrievable format.

It is necessary for the members of the IQAC to shoulder the responsibilities of generating and promoting awareness in the institution and to devote time for working out the procedural details. While selecting these members several precautions need to be taken. A few of them are listed below:

- It is advisable to choose persons from various backgrounds who have earned respect for integrity and excellence in their teaching and research. Moreover, they should be aware of the ground realities of the institutional environment. They should be known for their commitment to improving the quality of teaching and learning.
- It would be appropriate to choose as senior administrators, persons in charge of institutional services such as library, computer center, estate, student welfare, administration, academic tasks, examination and planning and development.
- The management representative should be a person who is aware of the institution's objectives, limitations and strengths and is committed to its improvement. The local society representatives should be of high social standing and should have made significant contributions to society and in particular to education.

The role of coordinator

The role of the coordinator of the IQAC is crucial in ensuring the effective functioning of all the members. The coordinator of the IQAC may be a senior person with expertise in quality aspects. She/he may be a full-time functionary or, to start with, she/he may be a senior academic /administrator entrusted with the IQAC as an additional responsibility. Secretarial assistance may be facilitated by the administration. It is preferable that the coordinator may have sound knowledge about the computer, its various functions and usage for effective communication.

Operational Features of the IQAC

Quality assurance is a by-product of ongoing efforts to define the objectives of an institution, to have a work plan to achieve them and to specify the checks and balances to evaluate the degree to which each of the tasks is fulfilled. Hence devotion and commitment to improvement rather than mere institutional control is the basis for devising procedures and instruments for assuring quality. The right balance between the health and growth of an institution needs to be struck. The IQAC has to ensure that whatever is done in the institution for “education” is done efficiently and effectively with high standards. In order to do this, the IQAC will have to first establish procedures and modalities to collect data and information on various aspects of institutional functioning.

The coordinator of the IQAC and the secretary will have a major role in implementing these functions. The IQAC may derive major support from the already existing units and mechanisms that contribute to the functions listed above. The operational features and functions discussed so far are broad-based to facilitate institutions towards academic excellence and institutions may adapt them to their specific needs.

Monitoring Mechanism

The institutions need to submit yearly the Annual Quality Assurance Report (AQAR) to NAAC. A functional Internal Quality Assurance Cell (IQAC) and timely submission of Annual Quality Assurance Reports (AQARs) are the Minimum Institutional Requirements (MIR) to volunteer for second, third or subsequent cycle’s accreditation. During the institutional visit the NAAC peer teams will interact with the IQACs to know the progress, functioning as well quality sustenance initiatives undertaken by them.

The Annual Quality Assurance Reports (AQAR) may be the part of the Annual Report. The AQAR shall be approved by the statutory bodies of the HEIs (such as Syndicate, Governing Council/Board) for the follow up action for necessary quality enhancement measures.

The Higher Education Institutions (HEI) shall submit the AQAR regularly to NAAC. The IQACs may create its exclusive window on its institutional website and regularly upload/ report on its activities, as well as for hosting the AQAR.

The NAAC Accredited institutions need to submit only the soft copy as word file (.doc/.docx) through e-mail (naac.aqar@gmail.com). The file name needs to be submitted with Track ID of the institution and College Name. For example MHC0GN16601-Samudra Arts and Science

College, Taliamegu-Maharashtra.doc. The Higher Education Institutions need not submit the printed/hard copy to NAAC. The acknowledgements would be sent to the institutions through e-mail.

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. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)*

Part – A

1. Details of the Institution

1.1 Name of the Institution	Konkan Education Society's Anandibai Pradhan Science College, Nagothane.
1.2 Address Line 1	Bapusaheb Deshpande Educational Complex
Address Line 2	A/P- Nagothane, Tal- Roha, Dist- Raigad
City/Town	Nagothane
State	Maharashtra
Pin Code	402106
Institution e-mail address	principalapsc@yahoo.co.in
Contact Nos.	02194-222582
Name of the Head of the Institution:	Dr. Sandesh Suryakant Gurav
Tel. No. with STD Code:-	02194-222582
Mobile:-	8149375082

Name of the IQAC Co-ordinator:

Dr. Dinesh Vasant Bhagat

Mobile:

9960455356

IQAC e-mail address:

bhagat.dinesh72@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879) :- MHCOGN13963

1.4 Website address:-

http/www.apcnagothane.edu.in

Web-link of the AQAR:

<http://www.apcnagothane.edu.in/images/AQAR201718.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	C ⁺	-	2005	5 years
2	2 nd Cycle	B	2.20	2011	5 years
3	3 rd Cycle	B ⁺	2.68	2017	5 years
4	4 th Cycle	-	-	-	-

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

26/04/2006

1.7 AQAR for the year (for example 2010-11):-

2017-18

1.8 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 **2017-18** submitted to NAAC on **28-12-2018** (DD/MM/YYYY)

1.9 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 ☒

(eg. 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 ☐

1.10 Type of Faculty/Programme

Arts ☐ Science ☒ Commerce ☐ Law ☐ PEI (Phys Edu) ☐

TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐

Others (Specify)

PG in Organic Chemistry + B.Sc., B.Sc.(Comp.Sc.), & B.Sc.(I.T.)

1.11 Name of the Affiliating University (*for the Colleges*)

Mumbai University

1.12 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

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
Community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

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

- Three days workshop on Yoga.
- One day workshop on Disaster management.
- Workshop on Purse and Folder making.

2.14 Significant Activities and contributions made by IQAC :

- College successfully faced NAAC for third cycle and re-accredited with grade **B⁺** and CGPA **2.68**
- DST-FIST project (Level-01) of Rs.-20 lakhs(sanctioned amount) is completed and the entire grants of Rs. 17 lakhs(grants received) is utilised under respective heads such as infrastructure, equipment and Computer Networking etc. till the end of this academic year.
- 10 Minor Research Projects were submitted to the various funding agencies .Out of that 03 Minor Research Projects are sanctioned by University of Mumbai of Rs.90,000/-
- College conducted Campus interview conducted by Vidhi dyestuff Ltd. Sudarshan Chemicals Ltd., Dhatav, Roha , RCF Alibag and RIL Nagothane. Total 40 students(UG and PG) appeared and 12 students were selected on campus interview ,whereas six students were selected off campus interview
- A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by MPCB.
- College conducted inter collegiate Debate and Elocution competition for students of Jr. and Sr. College in Roha Tehsil, Dist –Raigad.

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
Planning and Preparation of Organizing Taluka level Elocution and Debate competition	Taluka level Elocution and Debate competition has been conducted successfully on behalf of Panchayat Samitee, Roha, District-Raigad
NAAC visit was planned in the month of September	All the necessary preparation, presentation, execution worked out in proper direction and NAAC re-accreditation completed successfully by college with grade B ⁺ and CGPA 2.68.
DST-FIST project of Rs. 20 lakhs was sanctioned for college for 5 years .The project completion report has to be submitted to DST-FIST in time	The Project is completed within tenure of 5 years and the received grant of Rs. 17 lakhs under respective heads was utilised properly according all necessary audited documents prepared and submitted in time to DST-FIST before 31 st March 2018.
For exposure to research activities it is planned to increase more number of MRPs and teachers have to attend more number of conference and present more research projects	3 MRPs were sanctioned by University of Mumbai. Teachers attended 15 National, International conferences for their paper presentation.
More and more UG and PG students has to be placed in various chemical industries	College conducted Campus interview in association with Vidhi dyestuff Ltd., Sudarshan Chemicals Ltd., Dhatav, Roha, RCF Alibag and RIL Nagothane .Total 40 students (UG and PG) appeared and 12 students were selected on campus interview, whereas six students were selected off campus interview.
To start actual working on Air pollution project by MPCB	A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by MPCB.
To conduct workshop /Seminar/Conference	Successfully organised Workshop on Disaster management, Purse and folder making and Yoga.
To increase the number of MOUs	The ratio of MOU with Industries, Senior Colleges and Primary Health Centre is maintained.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐

Management ☒ Syndicate ☐ Any other body ☐

Provide the details of the action taken

- Construction for new building (G+2) is planned to expand infrastructure facilities
- MOU with Industries, Senior Colleges and Primary Health Centre is maintained
- Following workshops are organized
 - 3 days Workshop on Yoga Practice was organized in the month of February
 - One day workshop on Disaster Management
 - One day workshop on Consumer Guidance
- In this academic year Institute is selected by MPCB (Maharashtra pollution control Board) to measure air pollution due to chemical and pharmaceutical Industries in Raigad District .MPCB has sanctioned grant of Rs .8, 00,000/- to purchase equipments and remuneration per year. A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by MPCB
- Institute utilize research grant of Rs. 1700000/- from DST-FIST the purchase of equipments, infrastructure, books, computer and networking. The Project is completed within tenure of 5 years and all necessary audited documents are submitted in time to DST-FIST before 31st March 2018
- Industrial Visit and Study tour has been organised for the students to improve their practical knowledge.
- The lectures are organised on Industrial Safety, applications, the job opportunities by the industrial experts.

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	-	-	-	-
PG	01	-	01	02
UG	03	-	02	02
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	04	00	03	04
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	04
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni ☒ Parents ☒ Employers ☐ Students ☒
(On all aspects)

Mode of feedback : Online ☐ Manual ☒ Co-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.

S. Y. B.Sc. (Regular), S.Y. B.Sc. (Comp. Sci.), S. Y. B.Sc. (I.T.), M.Sc. Part -I

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

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
14	08	05	-	01

2.2 No. of permanent faculty with Ph.D.

08

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year 2017-18

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
18	01	05	00	00	00	01	00	24	01

2.4 No. of Guest and Visiting faculty and Temporary faculty

07	02	10
----	----	----

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	01	15	12
Presented papers	01	15	10
Resource Persons	-	02	-

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

- Teaching is made interesting with the help of structural & stereochemical models.
- Audio visible teaching techniques are strengthen by use of PPT, Short film
- Professional subject experts are invited for extra coaching from University and University Departments.
- Outreach programme like Projects, Industrial Visit, Botanical trip etc., are conducted efficiently.
- LCD-TV's are working for practical demonstration, instructions, job opportunities and current issues.
- Practical Orientation Programmes are Conducted for first year UG and PG students
- Students are motivated to participate in research festivals such as
 - Avishkar Research convention
 - National Youth Congress.
 - National/International Conferences.

2.7 Total No. of actual teaching days
during this academic year 2017-18

194

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

- Bar coding
- Photocopy

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

02

Science

F. Y. / S.Y.B.Sc.
Chemistry

2.10 Average percentage of attendance of students

90 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
T.Y.B.Sc. Chemistry	106	11	40	29	10	84.90
T.Y.B.C.S.	20	-	04	04	02	50.00
T.Y. I.T.	28	02	07	03	-	42.86

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

- Preparation of Academic Calendar
- Individual teaching plans are prepared.
- Remedial coaching
- Feedback is taken from students and parents
- Internal & External Theory & Practical exam.
- Seminars & presentation for PG students.
- Lecture wise sign attendance is maintained.
- Parent teacher meeting is organised once in a year

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
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	09

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	04	00	00	01
Technical Staff	07	00	00	01

Criterion – III

3. Research, Consultancy and Extension

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

- To improve their practical knowledge, students are motivated to participate in research festivals such as
 - Avishkar Research convention.
 - National Youth Congress.
 - National/International Conferences.
 - Prerna bulletin is published which contains research articles of students.
- DST –FIST Projects was sanctioned for 5 years and it is completed in a given tenure period. The facilities generated through this project are very much useful for the Research activities of students and teachers.
- Following Consultancy services are working efficiently
 - Water Quality.
 - Soil Quality.
 - Bio-Fertilizers.
 - Save Electricity, Save energy.
- College Planned to organise Conference, Seminar and workshop.
- College Plans study tour, Industrial Visits for UG and PG students for giving them industrial exposure.
- Rangoli Competition was organised on Green Chemistry and made available for the students of College, Junior College, High school and Primary Section.
- M.O.U. with five industries, four senior colleges and one PHC is made for the industrial exposure and sharing knowledge and medical
- College conducted Campus interview conducted by Vidhi dyestuff Ltd., Sudarshan Chemicals Ltd., Dhatav, Roha, RCF Alibag and RIL Nagothane. Total 40 students(UG and PG) appeared and 12 students were selected on campus interview ,whereas six students were were selected off campus interview

3.2 Details regarding major projects

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

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	03	10
Outlay in Rs. Lakhs	-	-	90,000/-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	04	04	-
Non-Peer Review Journals	02	04	-
e-Journals	-	-	-
Conference proceedings	01	14	-

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	-	-	-	-
Minor Projects	2017-18	University of Mumbai	90,000/-	Nil
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	2017-18	University of Mumbai	90,000/-	Nil

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

Nil

3.11 No. of conferences

organized by the Institution

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

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

02

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

25,000/-

Total

25,000/-

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
-	-	-	02	-	-	-

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

01

01

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

00

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:

University level	04	State level	01
National level	-	International level	-

3.22 No. of students participated in NCC events:

University level	-	State level	-
National level	-	International level	-

3.23 No. Of Awards won in NSS:

University level	01	State level	-
National level	--	International level	-

3.24 No. of Awards won in NCC:

University level	-	State level	-
National level	-	International level	-

3.25 No. of Extension activities organized

University forum	-	College forum	-		
NCC	-	NSS	09	Any other	06

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

NSS activities:-

- Swach Bharat Abhiyan- Preparation of toilets and urinals
- Blood group Check up Camp
- Haemoglobin Check up Camp
- Plantation
- Poster exhibition on HIV-AIDS
- AIDS awareness
- HIV-AIDS – blood testing
- Blood donation Camp.
- Awareness by Street Play, Rangoli, Poster exhibition.

WDC activities:-

- Shravansari
- Self employment skill development programme and preparation of decorative articles like flowers, bags, etc.
- Birth anniversary of Savitribai Phule
- International Women Day Celebration.
- Lecture and demonstration on Self defence.
- Workshop on Tailoring.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing (sq.m.)	Newly created	Source of Fund	Total
Campus area	2435.92	-	-	2435.92
Class rooms	528.71	-	-	528.71
Laboratories	703.95	-	-	703.95
Seminar Halls	101.17	-	-	101.17
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	426	06	Management & UGC	432
Value of the equipment purchased during the year (Rs. in Lakhs)	28,48,000	35,677	Management & UGC	28,83,677
Others	-	-	-	-

4.2 Computerization of administration and library:-

- Office, Library are Computerised with internet and Wi-Fi Connection.
- N-list software is introduced in the library for searching e- books, references and research papers.
- Computer & internet facilities to staff teachers & students
- Provide LCD TV for practical demonstration
- Provide Laptop to all HOD's and in-charge
- RESULT 9- Examination software is used for preparation of college examination results.
- Digital University link (www.mum.digitaluniversity.ac.in) is used to for admission Enrolment. Eligibility, examination forms, Hall tickets etc., Examination fees, students share contribution are also paid online through this portal.

4.3 Library services:-

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	895	99,300	130	18340	1025	1,17,640
Reference Books	7353	17,29,478	90	55988	7443	17,85,466
e-Books	-	-	-	-		
Journals	48	22795	16	20900	64	43,695
e-Journals	-	-	-	-	-	-
Digital Database (N-List-INFLIBNET)	84237	5000	-	5725	-	5725
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	32	02	24	24	04	04	05	00
Added	01	00	00	00	00	00	00	01
Total	33	02	24	24	04	04	05	01

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

- Computer training to teaching staff and PG students
- Free internet access provided to PG students
- Workshop on Power Point Presentation to PG students

4.6 Amount spent on maintenance in lakhs:

i) ICT	1, 48,000/-
ii) Campus Infrastructure and facilities	2, 36,912/-
iii) Equipments	-
iv) Others	12,835/-
Total:-	3, 97,748/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- ST Pass are provided to backward students
- Scholarships are given to backward students
- Computer / Internet facilities provided to staff & students
- Extra lectures and repetition of practical's are conducted for slow learners.
- Old question papers and their solutions discussed with fast learners.

5.2 Efforts made by the institution for tracking the progression

- Unit test for T.Y. B. Sc. & M.Sc.-I & II students
- Campus interview are conducted for UG & PG students
- Lectures on how to face interview & safety & environment are arranged by experts from industry
- Industrial visits are arranged to give exposure to students & staff about industry.
- Botanical tours are arranged for Biology students.
- Group discussion and seminars are conducted for UG and PG students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
490	39	-	-

(b) No. of students outside the state

00

(c) No. of international students

Nil

Men	No	%	Women	No	%
	194	39.60		296	60.40

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
264	41	7	200	02	514	270	45	6	208	-	529

Demand ratio:-98%

Dropout % - 2 %

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

- Orientation Programme for competitive examinations are conducted by the experts Such as Mr. Suhas Patil, Mrs. Manisha Lopez, Mr.Vicky David.
- Guest Lecturers on different topic such as Maths, IQ, Current affairs etc., are conducted.
- Dr. Ganesh Bhagure has given Lecture on Carrier opportunity after Graduation and Mrs.Prachi Deshmukh has given guidance talk on MBA Examination.
- Students are motivated to appear for different exams such as Staff selection, MPSC, Banking, etc., by giving them prior intimation.
- The examination forms for various competitive exams are filled up by the placement cell.20 students appeared for staff selection examination.

No. of students beneficiaries

100

5.5 No. of students qualified in these examinations

NET	-	SET/SLET	01	GATE	-	CAT	-
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	-

5.6 Details of student counselling and career guidance

For preparation of competitive exams

- Lectures are organised by experts- Mr. Suhas Patil, Mrs. Manisha Lopez, Mr.Vicky David.
- Awareness of competitive exams & job opportunity
- College conducted Campus interview conducted by Vidhi dyestuff Ltd. , Sudarshan Chemicals Ltd., Dhatav, Roha , RCF Alibag and RIL Nagothane .Total 40 students(UG and PG) appeared and 12 students were selected on campus interview ,whereas six students were selected off campus
- Lecture on Carrier Opportunity Programme by Dr.Bhagure
- Lecture on Preparation of MBA by Mrs. Prachi Deshmukh
- Lectures on Preparation of MPSC and UPSC by alumni Mr. Umesh Patil

No. of students benefitted

120

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
04	40	12	06

5.8 Details of gender sensitization programmes:-

College has Women's development cell and its conducts following gender sensitization programmes

- Visit to Zilha Parishad Kanyashala and Kendriya Shala for distribution of mattresses (06) and chocolates to girl students
- Organization of self employment courses such as beautician and purse & folder making course for girl students of college.
- Oral presentation on women status in India for girl students
- Celebration of International Women's day at Nagothane Police station. Seminar on Cyber crime and girl safety was organized and students were guided by police officer Mrs. Asmita Mhatre & Mr. Shailesh Mahadik.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports: State/ University level 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	02	950
Financial support from government	112	11,13,175/-
Financial support from other sources(University)	-	-
Number of students who received International/ National recognitions	-	-

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:-

- **Motto-** Self respecting human being has nothing to do with the sorrows and joys, whatever will be the outcome of his well doings.
- **Objectives-** The torch of knowledge is to be lighted . The red colour of the flag symbolized the change , the revolution
- **Vision-** Avail the facility of education to the down trodden Community for development of society.
- **Mission & Goals of the College-**
- Education for all is the mission of Konkan Education Society and vis-a-vis College. The college is committed to provide quality higher education, particularly in science to bring about the Social change in this rural area.
The college renders access to education to the students coming from humble background and the first generation learners.

6.2 Does the Institution has a management Information System

- LMC include the members from management, local bodies, staff (teaching & non-teaching) & social worker. Annual budget is sanctioned in LMC meeting. Quarterly auditing system exists. Annual statements of all accounts are submitted to government in time.
- Student admission is given strictly on merit & according to reservation criteria laid down by government of Maharashtra.
- Student records are maintained by digital college software provided by MKCL.
- Choice Based Credit & Grading System is implemented from 2011-12 & from 2016-17, 100% external examination pattern has been started.
- Use of ICT is working for theory, practical's and Projects
- Scholarships are sponsored to the economically backward students.

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

6.3.1 Curriculum Development

S. Y.B.Sc. (Regular), S. Y.B.Sc. Comp. Sci., S. Y.B.Sc. I.T. syllabus pattern changed with 75:25 proportion of external & internal assessment kept for B.Sc.(IT) and 100% external pattern started for S.Y.B.Sc. (Regular)

6.3.2 Teaching and Learning

- ICT teaching procedures to be strengthen for theory & practicals
- Audio visible teaching techniques are used.
- Teaching aids such on specific models and charts are used.
- Professional subject experts are invited for extra guidance and solutions
- Computer training to teachers & students is provided
- Internet and Wi-Fi services are provided to staff and students.
- Flow Chart diagrams and periodic tables are displayed in laboratories.

6.3.3 Examination and Evaluation

- Choice Based Credit & Grading System is implemented from 2011-12
- Semester examination pattern system for Theory and Practical is introduced
- 75:25 pattern of external & internal assessment is introduced
- For preparation of results the examination software is used .
- Student records are maintained by digital college software provided by MKCL.
- S. Y.B. Sc. (Regular), S. Y.B. Sc. Comp. Sci., S. Y.B. Sc. I.T. syllabus pattern changed with 75:25 proportion of external & internal assessment kept for B.Sc.(IT) and 100% external pattern started for S.Y.B.Sc. (Regular)
- CAP centre is given to the institute for online assessment of University last year examinations of and UG and PG courses.
- The facility of online downloading of all Question Papers of University theory examinations of UG and PG courses is available for all semesters.

6.3.4 Research and Development

- 10 MRPs are submitted to University of Mumbai and 03 MRPs are sanctioned by University of Mumbai with outlet of 90,000/-
- Teachers attended 15 National, International conferences for their paper presentation.
- To improve their practical knowledge, students are motivated to participate in research festivals such as
 - Avishkar Research convention
 - National Youth Congress
 - National/International Conferences.
 - Perna bulletin is published which contains research articles of students of student.
- DST –FIST Projects was sanctioned for 5 years and it is completed in a given tenure period. The facilities generated through this project are very much useful for the Research activities of students and teachers.
- Following Consultancy services are working efficiently
 - Water Quality
 - Soil Quality
 - Bio-Fertilizers
 - Save Electricity, save energy.
- College Planned to organise Conference, Seminar and workshop.
- College Plans study tour, Industrial Visits for UG and PG students for giving them industrial exposure
- Rangoli Completion was organised on Green Chemistry and made

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library is well equipped with the special reading rooms , reference books, special reading room for staff & PG students
- Free internet facilities are provided to staff , PG and UG students for reference work
- LCD projectors are used for theory lecturer and demonstration of practicals.
- N- list and INFLIBINET software's are introduced in the library.
- CAP centre is given to the institute for online assessment of University last year examinations of and UG and PG courses.
- The facility of online downloading of all Question Papers of University theory examinations of UG and PG courses is available for all semesters.
- Instrument such as Flame Photometer, Spectrophotometer, Microwave Oven Digital Balance, Turbidimeter, Water Distillation Unit, Colourimeter, pH- meter, Conductometer, Potentiometer, are well equipped in a research laboratory.
- Construction of a new building including a class room of area 1000 sq.m. & two laboratories has completed.
- Construction of two new Chemistry Laboratory is completed and is available for working.

6.3.6 Human Resource Management

- Advertisement for call is publishing in the daily news papers.
- NOC for the particular cast is taken from the University of Mumbai
- Interview is taken in presence of the panel given by University of Mumbai

6.3.7 Faculty and Staff recruitment

Four CHB teachers are recruited in Regular B.Sc. Degree and seven CHB teachers are recruited in B.Sc. Computer Science and I.T. and CHB teacher is recruited for B.Sc. Physics.

6.3.8 Industry Interaction / Collaboration

- M.O.U. with five industries, four senior colleges and one PHC is made for the industrial exposure and sharing knowledge and medical
- College conducted Campus interview conducted by Vidhi dyestuff Ltd. , Sudarshan Chemicals Ltd., Dhatav, Roha , RCF Alibag and RIL Nagothane .Total 40 students(UG and PG) appeared and 12 students were selected on campus interview ,whereas six students were were selected off campus interview
- Lectures on How to face interview & industrial safety, environment and management are arranged by experts from industry.
- Industrial visits are arrange to gives exposure to students & staff about industry

6.3.9 Admission of Students

- Admission committee is formed for the admission process
- Online admission system is working smoothly for all UG and PG courses.
- Admissions are given to the students as per the merits of marks only
- Admission process follows all the rules and norms of the merits governed by University and Government of Maharashtra.
- Three merit list are displayed along with the waiting list of the students in advanced before actual admissions

6.4 Welfare schemes for

Teaching	√
Non teaching	√
Students	√

6.5 Total corpus fund generated

10,000/-

6.6 Whether annual financial audit has been done

Yes

☒

No

☐

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	-----	Yes	-
Administrative	No		Yes	K.E.S. Alibag

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?

- Choice Based Credit & Grading System(CBSGS) is implemented from 2011-12 for UG and PG courses
- F.Y./ S. Y./ T.Y. B.Sc.(IT) syllabus pattern changed with 75:25 proportion of external & internal assessment
- F.Y./ S. Y./ T.Y. B.Sc.(Regular) syllabus pattern changed to 100% external assessment
- PG syllabus pattern changed with 40:60 proportion of external & internal assessment
- Semester examination pattern system for Theory and Practical is working.
- CAP centre is given to the institute for online assessment of University last year examinations of and UG and PG courses.
- The facility of online downloading of all Question Papers of University theory examinations of UG and PG courses is available for all semesters.
- The result of degree examination are declared after 30 days of completion of examination

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

University promote the autonomy in the affiliated colleges by special states

6.11 Activities and support from the Alumni Association

- Meetings of alumini is arranged at the end of each semester
- Few alumni share their experience with the present students in the "Talk-show" organized by alumini association
- Get together party of alumni of 2008-09 batch is organized in the month of December. Aluminis share their experience and enjoy the cultural programme with special lunch.
- Alumni are felicitated in the Alumni Cultural Function once in a year.

6.12 Activities and support from the Parent – Teacher Association

- Meeting of parents with staff is arranged at the end of academic year.
- The agenda of meeting includes the progress, attendance of the ward.
- The future plan and opportunity in educational field is discussed in the meeting of Parent – Teacher Association.

6.13 Development programmes for support staff

- College encouraged the staff and students for research activity such as MRPs and other projects
- 3 Minor Research Projects are sanctioned & 40 papers are presented in National Conference
- Three Assistant Prof. And one Lab Assistant Working for Ph.D. degree.
- Staff members are encourages two attend workshop, seminars, OC, RC and conferences.

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

- Use of plastic carry bag is prohibited in the campus
- Students are encourage to use public transport service instead of there own vehicle
- Micro-scale and green techniques are adopted in laboratory work wherever possible
- Tree plantation programme is organized by NSS unit of the college to make green and cool campus

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.

- The number of research exposure publications & MRPs are increased
- To overcome the difficulties in infrastructure construction of two new buildings are planned.
- The number of ‘MOU’ with neighbouring chemical industries, colleges and PHC centre are strengthening.
- Successfully organised Workshop on Purse and folder making and beautician under women development cell.
- To enhance the indoor and outdoor Sports facilities
- Following Consultancy services are working efficiently
 - Water Quality
 - Soil Quality
 - Bio-Fertilizers
 - Save Electricity, Save energy.

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

- NAAC visit was planned in the month of September .All the necessary documents preparation, presentation, execution worked out in proper direction and NAAC re-accreditation completed successfully by college with grade B⁺ and CGPA 2.68.
- 10 Minor Research Projects are submitted to University & 3 are sanctioned. 40 research articles are presented in National and International Conference
- A new building including a class rooms and two laboratories are constructed and made available for working.
- The ratio of MOU with nearby industries & colleges is maintained perfected
- MOU is done with 5 Industries, 3 Senior Colleges and 1 Primary Health Centre.
- Following consultancy services are started and working efficiently.
 - Water Quality
 - Soil Quality
 - Bio- Fertilizers
 - Save electricity, Save energy
- Planning and Preparation of Organizing Taluka level elocution and Debate competition.Taluka level elocution and Debate competition has been conducted successfully on behalf of Panchayat Samitee, Roha.
- DST-FIST project of Rs. 20 lakhs was sanctioned for college for 5 years .The project completion report has to be submitted to DST-FIST in time
- The Project is completed within tenure of 5 years and the received grant of Rs. 17 lakhs under respective heads was utilised properly according all necessary audited documents prepared and submitted in time to DST-FIST before 31st March 2018

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

- To enhance the Research activities for the students and the staff
- To improve the library facility with respect to internet, WI-Fi etc.,
- To strengthen activities of Women's development cell
- To organised National Level Seminar and Conference.
- To strengthen consultancy services for social issues.

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

7.4 Contribution to environmental awareness / protection

- Micro scale and green technique are adopted in laboratory work where possible.
- Tree plantation Programme is organised by NSS Unit of the College to make green and cool campus
- Poster exhibition on eco-friendly Ganesh Festival.
- A rally was organised for the save tree.
- Street play was Organised on Industrial Waste

7.5 Whether environmental audit was conducted? Yes ☐ No ☒

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

- College successfully faced NAAC for third cycle and re-accredited with grade **B⁺** and CGPA **2.68**.
- DST FIST sanction grants of Rs. 20 lakhs for Purchasing and maintenance of science equipments. Out of that Rs. 17 lakhs received and utilised for purchase of equipments, Books and computer networking
- Project completion report and audited supporting documents are submitted to DST FIST Office.
- College water polo team got bronze medal in Intercollegiate aquatic zonal tournaments of University of Mumbai
- Following workshops are organized
 - 3 days Workshop on Yoga Practice was organized in the month of February
 - One day workshop on Disaster Management
 - One day workshop on Consumer Guidance.
- A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by Maharashtra Pollution Control Board.(MPCB)

8. Plans of institution for next year

- 1) To Organise National Level Conference.
- 2) To Organise District Level Youth Festival.
- 3) To start the certificate course In Physics, Botany and Zoology.
- 4) Infrastructure facilities to be strengthen.

Name:-**Dr. Dinesh Vasant Bhagat**



Signature of the Coordinator, IQAC



Name: - **Dr.Sandesh Suryakant Gurav**



Signature of the Chairperson, IQAC

PRINCIPAL

K.E.S. A. P. Science College
Nagothane, Dist. Raigad (M.S.)

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

Academic Calendar 2017-18

	I st term June 2017 - October 2017
June	Starting of S.Y.B.Sc. and T.Y. B.Sc. admission process Filling of all concession and scholarship forms Celebration of International Yoga Day (21 st June) To conduct "Certificate Courses."
July	Online submission of enrolment forms of F.Y. B.Sc. /CS/IT Submission of all concession and scholarship forms Selection and Enrolment of NSS and DLLE Selection of students for various University Level Activities To organize District Level Workshop on NET/SET Exam (II nd week) M.Sc. Part - I admission process To conduct Campus interview for UG and PG students
August	Formation of Student Council (I st week) Freshers Party for new admitted students (II nd week) Celebration of Dr. S.R. Ranganathan Jayanti & Orientation programme for students (12 th August) Celebrations of Independence Day Saddhabhavana Pride (20 th August) NSS Orientation Programme for fresher's Volunteers (III rd week) Blood Group check up Camp (III rd week) To arrange Invitee talk regarding Competitive Exam (III rd week) Publication of Science bulletin PRERNA (IV th week) III rd /V th Sem Internal Exam (IV th week) To conduct Taluka Level elocution and Debate Competition
September	Celebration of NSS day & University day Filling forms for I st /III rd /V th Sem College/University Exam Poster exhibition by NSS, DLLE & WDC on Global Issues like "Save Girl Child & Health and Hygiene" Submission of Internal Exam Mark list
October	Celebration of Gandhi Jayanti (2 nd Oct.) To organize Guidance Talk on competitive exams (I st week) I st /III rd /V th Sem Practical Exam III rd /V th Sem Theory Exam
	Winter Break October 2017 –November 2017
	IInd term November 2017-April 2018
November	I st . sem University Theory Exam (I st week) NSS Residential Camp (7 days) (II nd week) M.Sc. Sem I & Sem III- Theory Exam

	M.Sc. Sem I Practical Exam
December	To organize AIDS Awareness programme (1 st week)
	Celebration of Foundation Day of K.E.S. (18 th Dec)
	To organize Parents Teacher Meet (II nd / III rd week)
	To organize State Level Workshop (II nd / III rd week)
	College Annual Sports (II nd week)
	Annual Cultral Programme & Gathering (III rd week)
	Study Tour by Botany/Zoology Department (IV th week) & Industrial visit by Chemistry department.
	Filling of exam forms for T.Y. B.Sc. Sem. VI
	To Organise District Level workshop on revised pattern of NAAC
	X-Mas Vacation 25th December 2016 – 01st January 2017
January	Declaration of Result College exam
	Celebration of Savitribai Phule Jayanti
	Blood Donation Camp (3 rd week)
	To organize Workshop on Purse and folder making
	Celebration of Republic Day
	To arrange various Social Awareness Programme by NSS student
	To arrange District Level Elocution competition on Swatchatamitra , organized by Roha Tehsil
	Annual Prize distribution and Convocation ceremony (IV week)
February	IV th & VI th Sem. Internal Exam
	To organize workshop on Yoga.
	To organize Industrial Visit (II nd week)
March	VI th Sem University Practical Exam
April	II nd /IV th /VI th Sem. University & College Theory Exam
	M.Sc. Practical Exam
	Assessment of paper
May	Declaration of college exam Result (1 st week)
	Advertisement for recruitment of staff

Plan of Action by IQAC/Outcome

Plan of Action	Achievements
Planning and Preparation of Organizing Taluka level Elocution and Debate competition	Taluka level Elocution and Debate competition has been conducted successfully on behalf of Panchayat Samitee, Roha, District-Raigad
NAAC visit was planned in the month of September	All the necessary preparation, presentation, execution worked out in proper direction and NAAC re-accreditation completed successfully by college with grade B ⁺ and CGPA 2.68.
DST-FIST project of Rs. 20 lakhs was sanctioned for college for 5 years .The project completion report has to be submitted to DST-FIST in time	The Project is completed within tenure of 5 years and the received grant of Rs. 17 lakhs under respective heads was utilised properly according all necessary audited documents prepared and submitted in time to DST-FIST before 31 st March 2018.
For exposure to research activities it is planned to increase more number of MRPs and teachers have to attend more number of conference and present more research projects	3 MRPs were sanctioned by University of Mumbai. Teachers attended 15 National, International conferences for their paper presentation.
More and more UG and PG students has to be placed in various chemical industries	College conducted Campus interview in association with Vidhi dyestuff Ltd., Sudarshan Chemicals Ltd., Dhatav, Roha, RCF Alibag and RIL Nagothane .Total 40 students (UG and PG) appeared and 12 students were selected on campus interview, whereas six students were selected off campus interview.
To start actual working on Air pollution project by MPCB	A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by MPCB.
To conduct workshop /Seminar/Conference	Successfully organised Workshop on Disaster management, Purse and folder making and Yoga.
To increase the number of MOUs	The ratio of MOU with Industries, Senior Colleges and Primary Health Centre is maintained.

Annexure IV

F.Y.B.Sc.

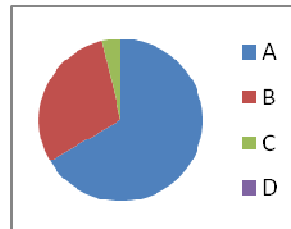
2016-17

Feedback form for subject:- Chemistry (54)

A-Excellent,B-Very good,C-Good,D-Average

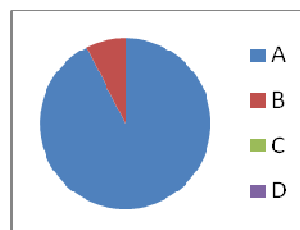
1) Parameter-Depth of the course content including project work

A	36
B	16
C	2
D	0



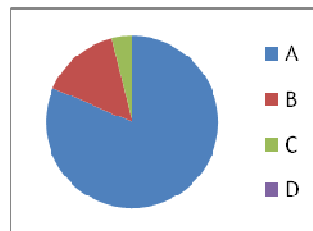
2) Parameter-Extent of coverage of course

A	50
B	4
C	0
D	0



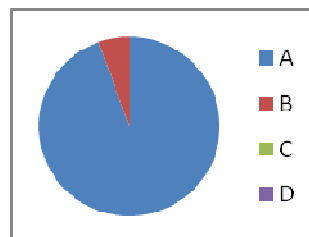
3) Parameter-Applicability to real life situation

A	44
B	8
C	2
D	0



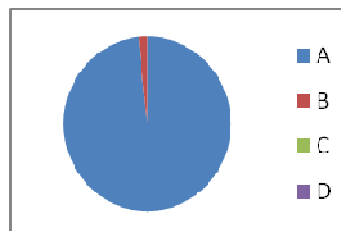
4) Parameter-Learning value(in terms of knowledge, concepts, manual skill, Analytical ability)

A	51
B	3
C	0
D	0

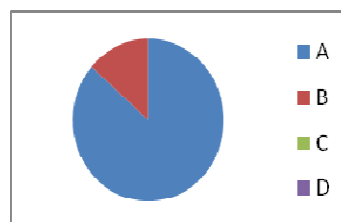


Feedback form for Teacher (2016-17)**Dr.S.D.Patil (59 forms)****1)Knowledge base of the teacher**

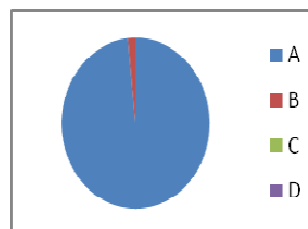
A	58
B	1
C	0
D	0

**2) Communication Skill**

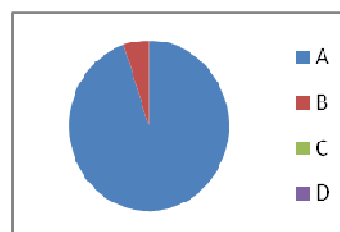
A	51
B	8
C	0
D	0

**3) Sincerity/Commitment of the Teacher**

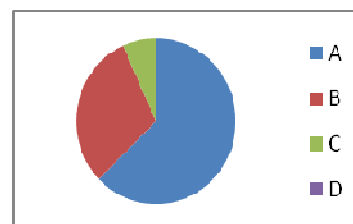
A	58
B	1
C	0
D	0

**4) Interest generated by the Teacher**

A	56
B	3
C	0
D	0

**5)Ability to integrate course material with environment**

A	37
B	18
C	4
D	0

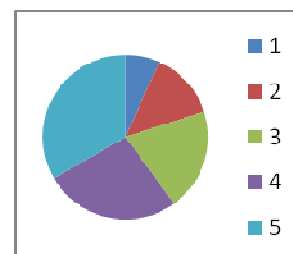


Infrastructure (82) F.Y.B.Sc 2016-17

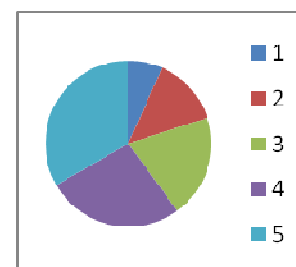
1-Excellent, 2-Very good, 3-Good, 4-Average
5-Below average.

1)Sports facilities in college

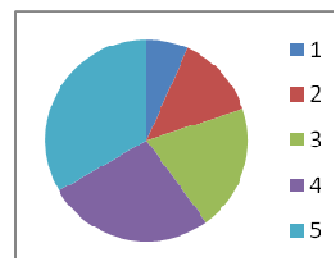
1	4
2	4
3	46
4	13
5	15

**2) Extra-Curricular activities in college**

1	4
2	2
3	22
4	22
5	32

**3)Security and proctorial services in college**

1	9
2	2
3	40
4	15
5	16

**4)Toilets/Washroom are hygiene and properly maintained**

1	4
2	6
3	19
4	47
5	6

