

Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR)

SUBMITTED TO,



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

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NAAC

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) & 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.

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 (capuaqar@gmail.com). The file name needs to be submitted with Track ID of the institution and College Name or EC number. For example MHCOGN16601-Samudra Arts and Science College, Taliamegu-Maharashtra.doc or EC_32_A&A_143 dated 3-5-2004-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.

Part – A

AQAR for the year

2016-17

1. Details of the Institution

1.1 Name of the Institution

S.G.R. Education Foundation G. H. Rasoni College of Engineering and Management, Chas, Ahmednagar.

1.2 Address Line 1

Gat no. 1030

Address Line 2

Village Chas, Nagar -Pune Road

City/Town

Ahmednagar

State

Maharashtra

Pin Code

414008

Institution e-mail address

ghrcemahm@raisoni.net

Contact Nos.

0241-2570123, 0241-2570129

Name of the Head of the Institution:

Dr. Chandrashekhar V. Ghule

Tel. No. with STD Code:

0241-2570123

Mobile:

9323135702

Name of the IQAC Co-ordinator:

Mr. Vishal P. Bhope

Mobile:

8554035553

IQAC e-mail address:

1.3 NAAC Track ID

OR

1.4 NAAC Executive Committee No. & Date:

*(For Example EC/32/A&A/143 dated 3-5-2004.
This EC no. is available in the right corner- bottom
of your institution's Accreditation Certificate)*

1.5 Website address:

Web-link of the AQAR:

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

1.6 Accreditation Details

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|------|-----------------------|-----------------|
| 1 | 1 st Cycle | B | 2.27 | 2015 | 2020 |
| 2 | 2 nd Cycle | NA | NA | NA | NA |

1.7 Date of Establishment of IQAC:

DD/MM/YYYY

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

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)

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

SAVITRIBAI PHULE PUNE UNIVERSITY,
PUNE, MAHARASHTRA

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

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: Faculty

Non-Teaching Staff Students Alumni Students 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

Workshops and seminars are conducted on Emerging technologies and to bridge the gap between Industries and Institutions.

2.14 Significant Activities and contributions made by IQAC

- ♦ Academic planning, implementation in activity and assessment to explore the students' knowledge.
- ♦ Counselling & direction to the students, according to the planned activities by Training and Placement Department.
- ♦ On the basis of result analysis, slow learners and advanced learners have been identified and appropriate action is taken to improve the results.
- ♦ To improve the placement of students, college have organized training & counselling workshops frequently.
- ♦ To enhance the project based learning and to bridge the gap between industry and institutions, we have invited many industrial experts for expert talk.
- ♦ Industrial sponsored projects have been carried out under the guidance of experts.
- ♦ Academic monitoring scheme has been strengthened through Mentor-Mentee Scheme.

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 2016-17.

| Plan of Action | Achievements |
|--|--------------------------------|
| 1) Broadening the scope of stake Holders Feedback. | Completed |
| 2) To upgrade online Academic monitoring system i.e. RAMS (Raisoni Academic Monitoring System) | Completed |
| 3) To Improve Student centric Activities related to placement by Training and Placement Department. | Seminars / Workshops Organised |
| 4) Submission of proposals under QIP to BCUD, SPPU for National & state level seminars & workshops. | Submitted |
| 5) Submission of proposal to various external funding agencies for doing Innovative Research Projects. | Submitted & Completed |
| 6) Submission of proposal to Management for doing Innovative Research Projects | Submitted & Completed |
| 7) Plan special courses on Foreign Languages | Completed |
| 8) Plan to establish an Internal Academic Audit Committee. | Established |
| 9) Plan to Constitute the Research Committee. | Constituted |
| 10) To Enhance the internet facility | Upgraded |

** 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

After careful investigation of AQAR, the Management advised to rectify all the shortcomings in the forthcoming academic year.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD | 0 | 0 | 0 | 0 |
| PG | 04 | 0 | 0 | 0 |
| UG | 05 | 0 | 0 | 0 |
| PG Diploma | 0 | 0 | 0 | 0 |
| Advanced Diploma | 0 | 0 | 0 | 0 |
| Diploma | 02 | 0 | 0 | 0 |
| Certificate | 0 | 0 | 0 | 05 |
| Others | 0 | 0 | 0 | 13 |
| Total | 11 | 0 | 0 | 18 |

| | | | | |
|-------------------|---|---|---|---|
| Interdisciplinary | 0 | 0 | 0 | 0 |
| Innovative | 0 | 0 | 0 | 0 |

- 1.2 (i) Flexibility of the Curriculum: (a) Elective option / Open Electives options (UG/PG/Diploma)
 (b) Contend beyond Syllabus to enhance the knowledge at par with recent trends

(ii) Pattern of programmes:

| Pattern | Number of Programmes |
|-----------|----------------------|
| Semester | 11 |
| Trimester | 0 |
| Annual | 0 |

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

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.

- ♦ Previous Percentage system for Second Year (2012 pattern) Engineering is replaced by Credit System (2015 pattern).
- ♦ Previous syllabus for Second Year (2012 pattern) Engineering is replaced by new syllabus (2015 pattern).
- ♦ BE (Mechanical) Semester II (2012 pattern) Automobile Engineering subject which was Elective III is updated as Open Elective.
- ♦ FE Equivalence 2008 pattern to 2012 pattern.
- ♦ ME Equivalence 2008 pattern to 2013 pattern.
- ♦ FE 2015 pattern syllabus for Fundamentals of Programming Languages I and II has been revised.

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

- ♦ Vidyalankar GATE coaching centre for students has been activated to enhance the technical knowledge so that GATE qualified count in college can improve.
- ♦ Services like Operations and management consultancy, IT advisory, Student career counselling, Skill development and trainings, marketing and branding has been hired from Global Education Ltd.

Criterion – II

2. Teaching, Learning and Evaluation

| | | | | | |
|------------------------------------|-------|------------------|----------------------|------------|--------|
| 2.1 Total No. of permanent faculty | Total | Asst. Professors | Associate Professors | Professors | Others |
| | 7 | 6 | 0 | 01 | 0 |

2.2 No. of permanent faculty with Ph.D. 06

| | | | | | | | | | | |
|---|------------------|----|----------------------|----|------------|---|--------|----|-------|----|
| 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 |
| | 87 | 00 | 1 | 19 | 5 | 6 | 24 | 00 | 117 | 16 |

2.4 No. of Guest and Visiting faculty and Temporary faculty 45 02 16

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|------------------|---------------------|----------------|-------------|
| Attended | 15 | 20 | 40 |
| Presented papers | 65 | 27 | 51 |
| Resource Persons | 02 | 10 | 25 |

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

- ♦ Case Studies and practical based learning
- ♦ Term Paper Presentation @ 75
- ♦ Problem Solving Technique for Competitive exam like GATE, MPSC, etc.
- ♦ Use of Simulation Software and experimental setup.
- ♦ Demonstration using Models/Charts @200.
- ♦ Online learning materials, around 2000 Videos have been documented and circulated like NPTEL videos, MOOC, etc.
- ♦ Around 80 Industrial Visits to understand practical implication of theoretical views and recent trends.
- ♦ Financial Support to faculty/students to participate in various technical activities
- ♦ Around 30 Expert Lectures by Industrial Person/Resource person for some topics of maximum subjects of final year to bridge the gap between Industry and Institute
- ♦ 13 + Hands on Workshops by Industrial Expert /Resource Person.
- ♦ Teaching and learning using modern aids
- ♦ Internship amid semester Break.
- ♦ Teaching and learning material circulation through online portal in RAMS (Raisoni Academic Monitoring Software)
- ♦ Guidance from Alumni to budding Engineers

2.7 Total No. of actual teaching days during this academic year 181 Days

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

- ◆ As per Savitribai Phule Pune university Norms with analysis and remedial action
- ◆ Impact based Multiple Choice Question Test
- ◆ Impact based technical quiz & competition
- ◆ Unit wise test to enhance the technical knowledge and overall performance of students

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

| | | |
|----|----|----|
| 01 | 05 | 10 |
|----|----|----|

2.10 Average percentage of attendance of students

@80%

2.11 Course/Programme wise distribution of pass percentage:

| Title of the Programme | Total no. of students appeared | Pass % |
|------------------------|--------------------------------|--------|
| UG | | |
| CIVIL | | |
| SE | 27 | 18.52 |
| TE | 31 | 29.03 |
| BE | 42 | 71.43 |
| MECHANICAL | | |
| SE | 64 | 7.81 |
| TE | 64 | 45.31 |
| BE | 196 | 68.37 |
| ELECTRICAL | | |
| SE | 25 | 8 |
| TE | 17 | 47.06 |
| ELECTRONICS & TELECOM. | | |
| SE | 10 | 60 |
| TE | 9 | 44.44 |
| BE | 28 | 67.86 |
| COMPUTER | | |
| SE | 16 | 25 |
| TE | 19 | 52.63 |
| BE | 32 | 93.75 |
| DIPLOMA | | |
| MECHANICAL (TY) | 58 | 93.1 |
| CIVIL (TY) | 20 | 70 |
| PG | | |
| HEAT POWER (FE) | 5 | 100 |
| HEAT POWER (FE) | 13 | 53.84 |
| STRUCTURAL (FE) | 11 | 54.54 |
| STRUCTURAL (SE) | 18 | 72.22 |

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

- ✦ IQAC meetings are directed at college level to set up a road map for quality confirmation and improvement for scholastic exercises in the college.
- ✦ IQAC elevate and bolster departments to lead interior appraisal and screen it through outcome investigation of test for the students.
- ✦ IQAC support departments to integrate modern teaching and learning scheme like dialog based teaching and learning
- ✦ IQAC rolls out an inventive improvement like Faculty month to month meeting and acknowledge recommendations from resources and make activity arrangement and measures for it.
- ✦ IQAC begins the 'Academic Diary' idea in college under which yearly arrangement of scholastics is given to understudies.
- ✦ IQAC has suggested on job training to the students.
- ✦ IQAC motivate the research publication, support in worldwide/national/territorial workshops.
- ✦ IQAC motivate department to arrange industrial visit and participating skill development program.

2.13 Initiatives undertaken towards faculty development

| Faculty / Staff Development Programmes | Number of faculty benefitted |
|--|-------------------------------------|
| Refresher courses | 35 |
| UGC – Faculty Improvement Programme | 05 |
| HRD programmes | 25 |
| Orientation programmes | 15 |
| Faculty exchange programme | 21 |
| Staff training conducted by the university | 25 |
| Staff training conducted by other institutions | 20 |
| Summer / Winter schools, Workshops, etc. | 25 |
| Others | 5 |

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 | 40 | 0 | 10 | 0 |
| Technical Staff | 30 | 0 | 12 | 0 |

Criterion – III

3. Research, Consultancy and Extension

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

- i. Faculty members are encouraged by providing thrust in appraisal system for research papers publications in Journals
- ii. Faculty members and students are encouraged to submit research projects proposals to various funding agencies including government and non-government.
- iii. Addressing various research schemes for Research and Development
- iv. Persuading to make provision of seed funding to activities like conferences, seminars, Workshops, FDP and Higher education etc.
- v. Encouraging faculty and students to focus on Industry sponsored projects.
- vi. Suggested to carry out awareness programmes on IPR.
- vii. Suggested to publish the books.

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | 02 | 03 | 05 | - |
| Outlay in Rs. Lakhs | 53 | 9.2 | 62.2 | - |

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|---------------------|-----------|---------|------------|-----------|
| Number | 07 | - | 07 | - |
| Outlay in Rs. Lakhs | 1.8 | - | 1.8 | - |

3.4 Details on research publications

| | International | National | Others |
|--------------------------|---------------|----------|--------|
| Peer Review Journals | 92 | 22 | - |
| Non-Peer Review Journals | 22 | 5 | - |
| e-Journals | - | - | - |
| Conference proceedings | 02 | 46 | - |

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 organisation

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant Sanctioned (Lakhs) | Received (Lakhs) |
|--|---------------|----------------------------|--------------------------------|------------------|
| Major Projects | 2016-2017 | DRDO VRDE | 62.2 | 62.2 |
| | | Gajraj Drycleaners | | |
| | | RGI | | |
| | | Actero Industry | | |
| Minor Projects | 2016-2017 | Klassic Wheels Pvt. Ltd. | 1.8 | 1.8 |
| | | Kinetic Engineering ltd | | |
| | | Avishko Pvt. Ltd. | | |
| | | Prigma Pvt. Ltd. | | |
| | | RGI | | |
| Interdisciplinary Projects | 2016-2017 | RGI | 0.20 | 0.20 |
| Industry sponsored | 2016-2017 | Space Construction | 0.65 | 0.65 |
| | | R.N. Repale | | |
| Projects sponsored by the University/ College | 2016-2017 | RGI | 0.75 | 0.75 |
| Students research projects <i>(other than compulsory by the University)</i> | - | - | - | - |
| Any other(Specify) | - | - | - | - |
| Total | | | 65.60 | 65.60 |

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

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

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

| Level | International | National | State | University | College |
|---------------------|---------------|----------|-------|------------|---------|
| Number | - | - | - | - | 01 |
| Sponsoring agencies | - | - | - | - | RGI |

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

27

3.13 No. of collaborations

International -

National 02

Any other 15

3.14 No. of linkages created during this year

22

3.15 Total budget for research for current year in lakhs:

From funding agency 12

From Management of University/College 55

Total 67

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | 02 |
| | Granted | - |
| International | Applied | - |
| | Granted | - |
| Commercialised | Applied | - |
| | Granted | - |

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

| Total | International | National | State | University | Dist. | College |
|-------|---------------|----------|-------|------------|-------|---------|
| - | 04 | 01 | - | 04 | - | 09 |

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

-

-

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

-

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

JRF -

SRF -

Project Fellows -

Any other -

3.21 No. of students Participated in NSS events:

| | | | |
|------------------|---------------------------------|---------------------|---------------------------------|
| University level | <input type="text" value="25"/> | State level | <input type="text" value="24"/> |
| National level | <input type="text" value="40"/> | International level | <input type="text" value="-"/> |

3.22 No. of students participated in NCC events:

| | | | |
|------------------|--------------------------------|---------------------|--------------------------------|
| University level | <input type="text" value="-"/> | State level | <input type="text" value="-"/> |
| National level | <input type="text" value="-"/> | International level | <input type="text" value="-"/> |

3.23 No. of Awards won in NSS:

| | | | |
|------------------|--------------------------------|---------------------|--------------------------------|
| University level | <input type="text" value="-"/> | State level | <input type="text" value="-"/> |
| National level | <input type="text" value="-"/> | International level | <input type="text" value="-"/> |

3.24 No. of Awards won in NCC:

| | | | |
|------------------|--------------------------------|---------------------|--------------------------------|
| University level | <input type="text" value="-"/> | State level | <input type="text" value="-"/> |
| National level | <input type="text" value="-"/> | International level | <input type="text" value="-"/> |

3.25 No. of Extension activities organized

| | | | | | |
|------------------|--------------------------------|---------------|---------------------------------|-----------|--------------------------------|
| University forum | <input type="text" value="-"/> | College forum | <input type="text" value="16"/> | | |
| NCC | <input type="text" value="-"/> | NSS | <input type="text" value="01"/> | Any other | <input type="text" value="-"/> |

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

- ✦ Donation of clothes to the needy people through college campus.
- ✦ Blood Donation Camp.
- ✦ Earn & Learn Scheme for Students
- ✦ National Service Scheme (NSS)
- ✦ Tree Plantation
- ✦ Street Lightning
- ✦ Donation to Orphanage Home
- ✦ Teacher In You (TIU)
- ✦ Swachha Bharat Abhiyan
- ✦ School Field Visit
- ✦ Women Security
- ✦ Sexual Education
- ✦ Cleaning Awareness Camp
- ✦ Visit to Oldage Home
- ✦ Joy of Giving
- ✦ Rashtriya Ekata Divas (Sardar Vallabh Bhai Patel Jayanti)
- ✦ Computer awareness program

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing | Newly created | Source of Fund | Total |
|---|----------|---------------|----------------------------|---------|
| Campus area | 10 acre | - | Funding through management | 10 acre |
| Class rooms | 26 | - | | 26 |
| Laboratories | 57 | 01 | | 58 |
| Seminar Halls | 06 | | | 06 |
| No. of important equipments purchased (\geq 1 lakh) during the current year. | 34 | 07 | | 41 |
| Value of the equipment purchased during the year (Rs. in Lakhs) | 89.40 | 10.13 | | 99.53 |

4.2 Computerization of administration and library

| |
|---|
| <ul style="list-style-type: none"> ✦ Online administration through AIMS ✦ Library management by SyNchRoniK software |
|---|

4.3 Library services:

| | Existing | | Newly added | | Total | |
|------------------|----------|---------|-------------|--------|-------|---------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 8698 | 4618894 | 793 | 403871 | 9491 | 5022765 |
| Reference Books | 2992 | 956030 | 635 | 496504 | 3627 | 1452534 |
| e-Books | - | - | - | - | - | - |
| Journals | 44 | 114120 | 23 | 25781 | 67 | 157031 |
| e-Journals | 03 | 849921 | 02 | 240000 | 05 | 1089921 |
| Digital Database | - | - | - | - | - | - |
| CD & Video | 441 | - | 39 | | 480 | |
| Others (specify) | - | - | - | - | - | - |

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|----------|------------------|------------------|--------|-------------|--------|
| Existing | 425 | 18 | 30 Mbps | - | 01 | 01 | 05 | 00 |
| Added | - | - | 2 | - | 01 | 01 | 01 | 01 |
| Total | 425 | 18 | 32 Mbps | - | 02 | 02 | 06 | 01 |

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

| |
|-----|
| Yes |
|-----|

4.6 Amount spent on maintenance in lakhs:

| | |
|--|--------|
| i) ICT | 4.94 |
| ii) Campus Infrastructure and facilities | 562 |
| iii) Equipments | 6.10 |
| Total: | 573.04 |

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- 1) During 08No IQAC Meetings, significant steps from the point of view of students were highlighted such as Expert Lectures, Workshops, Seminars, Industrial Visits, MOU'S with Different Industries & suggestions were implemented.
- 2) Suggestions from Industry Experts & Academician were taken from time to time for Industrial sponsored projects & Internships.
- 3) Various workshops @15 on emerging technologies were conducted for students.
- 4) Suggestions for improvement in Results were taken from HOD's and senior faculty of respective Departments and suitable measures implemented.
- 5) Performance enhancement activities for slow learners were implemented.
- 6) Various seminars @5 on preparation of competitive exams such as MPSC, UPSC, GATE, GRE, TOFEL etc. & Higher studies were arranged for students
- 7) In Our College, Mentor Mentee Scheme is implemented in which each Faculty is a Mentor for small group of students.
- 8) Institute provides prospectus with comprehensive information
- 9) Management has given @ 38.28 Lacks fees concession for needy and meritorious students.

5.2 Efforts made by the institution for tracking the progression

- 1) Continuous assessment during the semester through regular assignments, internal class tests, quiz, etc.
- 2) Periodic reviews for academic Project and Seminars.
- 3) Online Academic monitoring System i.e. RAMS is successfully functioning
- 4) In RAMS Software, Students can access attendance details and download the assignments, Notes, question banks, etc. Feedback about teachers can also be obtained from students through RAMS.
- 5) Impact based MCQ test is conducted after completion of each unit. Based on their performance slow and advanced learners are identified. Remedial classes were conducted for slow learners and they were reassessed to verify improvement in their performance. Advance learners were motivated to opt for competitive examinations.

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others |
|-----|----|--------|--------|
| 654 | 59 | 0 | 222 |

(b) No. of students outside the state

05

(c) No. of international students

00

| Men | UG | PG | % | Women | UG | PG | % |
|-----|-----|----|-----|-------|-----|----|-----|
| | 529 | 45 | 80% | | 125 | 14 | 20% |

| Last Year (AY 2015-16) | | | | | | This Year (AY 2016-17) | | | | | |
|------------------------|----|----|-----|-----------------------|-------|------------------------|----|----|-----|-----------------------|-------|
| General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| 847 | 65 | 5 | 492 | 1 | 1409 | 541 | 48 | 6 | 340 | 1 | 936 |

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

No. of students beneficiaries

235

For Competitive Exams, Seminars are arranged on following topics.

- 1) GATE Exam preparation
- 2) Civil Service Exam preparation.
- 3) GRE, TOFEL Exam preparation.

5.5 No. of students qualified in these examinations

| | | | | | | | |
|-------------|---|-----------|---|------|---|--------|---|
| NET | - | SET/SLET | - | GATE | - | CAT | - |
| IAS/IPS etc | - | State PSC | - | UPSC | - | Others | 4 |

5.6 Details of student counselling and career guidance

- ♦ During admission process faculties helped the students by giving brief description about the course and its scope in today's competitive market. Also the students are explained and counselled about the course structure which helps them in shaping their career.
- ♦ Psychological counsellor is appointed by college for students for personal counselling.
- ♦ The faculties actively participate in the academic, personal, and psycho-social needs of the students by mentoring, counselling, and giving them various academic advices. In Our College, Mentor Mentee Scheme is implemented in which each Faculty is a Mentor of Students. Mentor will keep the Record of Result of Students along with that he will take Regular Meetings with Students and Counselling is done in Academic as well as in any personal issues.
- ♦ The students also face various types of personal issues during the course. But they are too immature to solve these issues at that time. The concerned mentor is supportive enough to solve these issues.
- ♦ College is having separate Training & Placement Department.
- ♦ Career Foundation Team is continuously giving guidance to students.
- ♦ Yoga sessions for physical fitness were organized for students.
- ♦ Soft skill development programmes were organised.

No. of students benefitted

812

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 |
| 24 | 385 | 144 | 53 |

5.8 Details of gender sensitization programmes

- ♦ A women's cell has been set up to resolve various issues related to girls. The women cell also educates the staff members and students on the issue of sexual harassment.
- ♦ Beti Bachao Beti Padhao Programme was organised in Chas village.
- ♦ Yoga and meditation programme was organised for girl students.
- ♦ The women Self-defence Training Programme were conducted.

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

| Activity | Number of students | Amount (In Lacs) |
|--|--------------------|------------------|
| Financial support from institution | 248 | 38.28 |
| Financial support from government (scholarships) | 295 | 172.25 |
| Financial support from government (EBC Amount) | 210 | 84.55 |
| Financial support from other sources | - | 3.30 |
| 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:

Criterion- VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION: To achieve excellent standards of quality education by keeping pace with rapidly changing technologies to create technical manpower of global standards with capabilities of accepting new challenges.

MISSION: Our efforts are dedicated to impart quality and value based education to raise satisfaction level of all stake holders. Our strength is directed to create competent professionals. Our endeavour is to provide all possible support to promote research and development activities. Our efforts are dedicated to impart quality and value based education to raise satisfaction level of all stake holders.

6.2 Does the Institution has a management Information System

- ◆ At our Group level online software tool is present i.e. Raisoni Academic Monitoring System (RAMS) in which on daily basis attendance of students is updated & review of topics covered by corresponding faculty is monitored.
- ◆ In RAMS software User id & Passwords for HOD & Principal is Given from Which they Can Monitor Different data Such As Students Attendance in Each Class ,Topics Covered in Each Class, Syllabus Completion, Staff Feedback by Students etc.
- ◆ Computerization of administration: The institution has good computer network and following processes are partially or fully computerized
 - 1) Accounts
 - 2) Library
 - 3) Store
 - 4) Hostel
 - 5) Student Section
- ◆ Each Staff & Student is Provided a unique email id with extension @raisoni.net
- ◆ College is having Administrative Information Management System (AIMS) Software.
- ◆ Daily attendance can be sent to the parents through RAMS.
- ◆ Online salary system is installed

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

6.3.1 Curriculum Development

- ♦ The senior faculty members of the institution actively contribute to the development of the curriculum by the university. Faculty members attend the Syllabus Detailing Workshops & Faculty Development programs Organized by University for effective Teaching learning implementation.
- ♦ In a Semester Two times student feedback is taken through RAMS software accordingly Suggestions conveyed by Principal and Management to corresponding faculties in order to improve quality of education.
- ♦ Through regular interactions. Advice and suggestions of Principal/Senior faculty members regarding curriculum development are put before Faculties, so as to meet the current market demand.
- ♦ Expert lectures are organized by each department.
- ♦ Running audit course under SPPU which include foreign language to aware the students about foreign languages.

6.3.2 Teaching and Learning

Implementation of outcome based education.

- 1) Live teaching Concept is used
- 2) Virtual labs in each department
- 3) Smart Class room
- 4) NPTEL video library is in every department.
- 5) By introducing bridge courses and orientation lectures
- 6) Personal interaction and classroom discussions
- 7) Study materials id uploaded on RAMS for student's feasibility.
- 8) ICT method of teaching is followed
- 9) Live-demos of working models using you tube
- 10) Academic research
- 11) Guest lecturers
- 12) Case studies seminars
- 13) Discussion with groups
- 14) Industrial Visits and lab lectures
- 15) Mentoring
- 16) Tutorial teaching

6.3.3 Examination and Evaluation

- Our College is affiliated with Savitribai Phule Pune University, Pune for Under-graduate and Post-Graduate programs and MSBTE for Diploma programs. So We Conduct all Examinations As per the Rules & Regulations of Savitribai Phule Pune University, Pune and MSBTE respectively.

6.3.4 Research and Development

- ♦ The College continues to place emphasis on research work. It encourages its staff to undertake MPhil and PhD studies and minor and major research projects. In the pursuit of these, the faculty are provided with infrastructural facility, technical staff, and office space and leave facility.
- ♦ Research has been considered as an important integral part of the academic endeavours in our College. Many Seminars and workshops are organized by the College to provide expert information on research methodology.
- ♦ College provides Expenses for Travelling, Paper Presentation, and Paper Publication helping them in participation of faculty improvement programmes and arranging for books required by faculty.
- ♦ Infrastructure facilities like well-equipped laboratory for student learning as well as for faculty research are made available. The equipment and consumables are purchased often, as and when required to strengthen research activities. The library is also well equipped with required titles and volumes of text books, e-journals, computer hardware and software for conducive learning. Students and faculty are sponsored for presentations in conferences hosted by other institutions.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- ♦ The College has a system for annual maintenance of the physical infrastructure. Beautification of the campus is also undertaken periodically. Buildings are annually re-painted, furniture are repaired and replaced, and laboratories are refurbished by purchasing new equipment.
- ♦ Every year Central library is added with new books and journals
- ♦ Central library and department libraries are equipped with Air-conditioner
- ♦ OPAC Software is provided for personal assistance to each and every user while accessing the library books.
- ♦ Library staff also guides the users in subsequent uses.
- ♦ Every department has individual LCD projector, system with internet connection.

6.3.6 Human Resource Management

- ♦ The College has nurtured a cosmopolitan and democratic atmosphere. The staff members are considered a great asset by the Management and thus every support is given in their pursuit of excellence and higher studies. The faculty members are encouraged to come up with their own initiatives and the institution supports them in every way to execute their innovative ideas, and research activities.
- ♦ In the institution, the process of assessing adequate human power requirements, staff recruiting, monitoring and planning professional development programmes for personnel development and seeking appropriate feedback responses are very good.
- ♦ Recruitment of faculty and staff are based on the guidelines provided by Savitribai Phule Pune University, Pune and AICTE, New Delhi.
- ♦ There are 5 staff welfare schemes like fee concession, Group insurance, etc.
- ♦ ERP Biometric system is introduced for all the administrative modules of the institution
- ♦ Motivating staff members to attend developmental training program , workshops and seminars for enhancing skill sets.
- ♦ Effective annual appraisal system is followed to assess the performance of faculty members.
- ♦ For Newly Joined Teaching, Staff training programme of 200hrs conducted by Raison Academy for Human Excellence (RAHE) which is staff updating programme for soft skill Training.

6.3.7 Faculty and Staff recruitment

- ♦ Releasing the advertisement in the Leading daily newspapers.
- ♦ Scrutinizing of Application as per the college norms.
- ♦ Conducting Interview in the presence of External Experts and University Nominees.
- ♦ Selection of Candidates as per the norms of staff selection committee.

6.3.8 Industry Interaction / Collaboration

Interaction with industry was improved by organizing lectures from industrial experts, industrial visits and MOU signed with industries for research and training activities of students and faculty members. Followings are the Names of Companies with which MOU's ha been signed.

- 1) Klasic Wheels Pvt. Limited,E-7&E-8 ,MIDC Area, Ahmednagar.
- 2) HI-TECH Engineers, Block NoF-68 & 53 ,MIDC Area, Ahmednagar
- 3) VRDE (Vehicle Research & Development Establishment), Ahmednagar
- 4) SUPERB ENGINEERS, Block No. L-205, MIDC Area, Ahmednagar.
- 5) HOERBIGER India Pvt. Ltd., Kondhapuri, Tal-Shirur, Dist-Pune.
- 6) NANKO EXIM PVT LTD. , Ranjangaon, Pune
- 7) Space Constructions , Pipeline Road ,Ahmednagar
- 8) R. N. Repale Engg. & Contractors , Savedi, Ahmednagar
- 9) Compworld Software Solutions , P.N.5 Market yard, Ahmednagar

6.3.9 Admission of Students

The students are admitted according to the Savitribai Phule Pune University, Pune / DTE / AICTE Norms, in keeping with the vision of the College, special consideration is shown to differently-abled and needy students.

6.4 Welfare schemes for

| | |
|--------------|---|
| Teaching | Study Leaves, vacation leave, Maternity Leaves, Accommodation and food is free for faculty, Concession in Bus Fees, EPF, and Group Insurance. |
| Non-teaching | Refund of Tuition fees of their Child's School, Transport facilities, Medical Leave and medical insurance facility. |
| Students | Concession in Fees, Earn & Learn Scheme by SPPU, Transport facilities, Group Insurance, Student Chapters, NSS, medical insurance of hostel students and health check-up facility for girls. |

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) have been done?

| Audit Type | External | | Internal | |
|----------------|----------|-----------------------|----------|-----------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | YES | Global Edu. Pvt. Ltd. | YES | IQAC |
| Administrative | YES | V. K. Surana & Co. | YES | Principal |

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

For UG Programmes

Yes

No

For PG Programmes

Yes

No

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

Not Applicable

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

Not Applicable

6.11 Activities and support from the Alumni Association

Alumni Meet Coordinator Appointed & Alumni meet is organized every year.

6.12 Activities and support from the Parent – Teacher Association

Parents are invited to know progress of their ward. Students' progress and attendance records are sent to parents in each semester. Suggestions are also received from the parents for the improvement of the institution according we try to implements them.

6.13 Development programmes for support staff

- ♦ English Speaking Classes conducted for Non-Teaching Staffs.
- ♦ Motivational Videos are made available to Staff as well as Students.

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

- ♦ The College has an integrated rain water harvesting project
- ♦ There is an extensive ongoing tree plantation programme. Keeping in view the environmental aspect the college has already set up
- ♦ Solar Panel System installed on College Roof which is having Capacity to Generate 50 Kilo watt Electricity.

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.

1. To bridge the gap between Industry and Institute, Industrial visits and expert lectures of industry persons, alumni were organized.
2. Online resources like videos, video lectures, tutorials and other study material database was created and circulated to students such as NPTEL, MOOC, and Webinars etc.
3. Initiative is taken by faculty to record Video lectures.
4. Remedial Classes for slow learners and quality enhancing classes for advance learners were conducted.
5. Self defence program for girls and women.
6. Awareness about Innovative projects has been created and project work was carried out by some students.
7. Internal auditing of Course File, Lesson Plan, and Teaching Plan has been done.
8. Soft Skills, Life Skills and Employability skill development programs were conducted.
9. Alumni donated the books to respective departments and department library has been enriched.
10. Hostel Classroom for hostel students has been started and it was conducted.
11. Rain water harvesting system has been implemented.

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

1. CFL lights replaced by LED lights in both Boy's as well as Girl's hostels and work of replacement of lights in college building are in progress.
2. One Smart Classroom is available and proposal for department wise smart classroom has been sent for approval.
3. Personality development and soft skill training was conducted for all the students of pre-final year and final year.
4. Online Feedback system has been implemented for students.
5. Notes, Assignment are uploaded on RAMS (Raisoni Academic Monitoring System) as well as it is provided to students in the form of PDF, PPTs and Videos by social media and data transportation devices.
6. Installation of Solar Panel System on College Roof which is having Capacity to generate 50 KVA Electricity.
7. Process has been introduced to find advance and slow learners.
8. Process for mapping of Course Outcome, Program Outcome and Program Specific Outcome.

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

1. Industry Experts have been invited for Expert lectures on particular topic of maximum subjects to bridge the gap between Industry and Institute.
2. RGI Scholarship/ funding for research facility are available.
3. Academic Monitoring System and interactive online software i.e. RAMS is effectively utilized.

7.4 Contribution to environmental awareness / protection

1. Energy saving awareness is promoted.
2. Tree plantation has been done within the campus.
3. Solid and liquid waste of college and hostels is processed and used for compost fertilizer and provided to nearby farmers.
4. E-waste is supplied to Salvation Army organization.
5. Installed Solar Panel System on College Roof which is having Capacity to generate 50 KW Electricity.
6. Solar Water Heaters are available in Hostel premises.
7. Bicycles are used by hostel students to mobilise up to Chas.
8. Plastic bags below 0.2 micron thickness are banned in college campus
9. Paperless work is promoted.

7.5 Whether environmental audit was conducted? Yes No

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

SWOT Analysis

STRENGTH-

1. Institute is situated in rural area in a natural and ambient environment.
2. Institute is promoted by a well established group.
3. Maximum student concentric activities are being conducted.
4. More renewable energy is used. Clean and healthy environment.
5. Fully Wi-Fi campus with high bandwidth.

WEAKNESS-

1. Campus is situated away from city so transportation is not easily available.
2. As campus is situated in rural area, it is difficult to get high profile faculties.
3. A communication skill of students is weak.

OPPORTUNITY-

1. Scope for Industry- Institute collaborative activities.
2. Scope for Industrial visits.
3. Scope to develop the skills of students.

THREAT-

1. Admissions are less but the admitted students are fully satisfied with the institute.
2. As far as competition is concerned institution is providing number of facilities to students.
3. For progressive continuous improvement some faculties are retained.

8. Plans of institution for next year

- ◆ Successful Implementation of Academic Processes.
- ◆ Improving Placement of students.
- ◆ Supporting Students in career services in your department: this includes both
- ◆ Student development and higher education assistance to students.
- ◆ Value added courses in every Dept. and every term.
- ◆ Use of the language department effectively: with major focus on English and Business communication.
- ◆ Increase Participation of Students in National / International Technical event.
- ◆ Organizing STTP/Workshops/FDP/ Seminars/ for faculties and Student Development programs.
- ◆ Improvement in SE/TE/BE results compared to last year
- ◆ Publishing research papers.
- ◆ Submitting research proposal to various funding agencies

Name : Mr.Vishal P.Bhope

Name : Dr.Chandrashekhar V. Ghule

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC


_____*_*_*_____

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 |

Annexure - I

- Annual Academic Calendar at Institute level is Prepared every year in which all Departments Activities are Mentioned. Following is the Snap Shot of calendar for February 2017.

|  G.H.Raisoni College of Engineering and Management ,Ahmednagar Academic Calender 2016-17 Month FEB 2017 | | | | | | |
|---|--|--|--|--|--|--|
| SUN | MON | TUE | WED | THU | FRI | SAT |
| | | | 1 | 2 | 3 | 4 University In-Sem examination for TE and BE |
| 5 | 6 University In-Sem examination for TE and BE | 7 Comp: feedback of students | 8 MECH ,ETC , Comp: Industrial Visit (IV) | 9 | 10 ETC: B.E. Project Seminar-06 , MECH :B.E. Project Seminar-04 | 11 |
| 12 | 13 | 14 MECH ,ETC: 1. Syllabus completion review 2. Attendance review and letter dispach | 15 MECH ,Comp: Tentative Sports day | 16 MECH ,Comp: Tentative Sports day | 17 MECH ,Comp: Tentative Sports day | 18 MECH ,Comp: Tentative Sports day |
| 19 | 20 ETC , Comp: Seminar-03 | 21 ETC: Workshop for Student | 22 ETC: Workshop for Student | 23 ETC: B.E. Project Seminar-07 | 24 CIVIL : Site Visit | 25 Tentative Dates of Antaragni 2017 |
| 26 | 27 Tentative Dates of Antaragni 2017 | 28 Tentative Dates of Antaragni 2017 | | | | |

Annexure - II

Snap shots From RAMS (Raisoni's Academic Monitoring Software)

1) Feedback form:

25/11/2017 Blank Feedback Form Change Password Logo

Welcome : Dr C.S.Ghule (1229215002) Principal , MECH Working Designation : GHRCEMAM_PRINCIPAL(REGULAR) User Centre(GHRCEMAM)

Feedback Form Name : Show Reset Lock Status : Y

Feedback Group Title

- Teacher uses black board effectively and writes in good and legible handwriting.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Teacher has clear pronunciation, fluency, explains objectives and application of the topic.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Teacher is well prepare, starts with brief revision, ends with summary and takes efforts to explain.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Teacher encourages interaction and involves students in teaching learning process.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Teacher discusses exam oriented questions, provides question bank and display model answer paper.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Teacher is punctual, covers syllabus uniformly, provides notes, list of books etc.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Teacher willingly engages extra classes to cover missed syllabus and weak students etc.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Teacher uses tools like PPTs, Moldes, charts, internet, industrial visit & breaks monotony.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Teacher explains practicals, evaluates, journals, test paper, assignments regularly.
 Strongly Disagree Disagree Neutral Agree Strongly Agree
- Overall treatment is caring like parent, cooperating, encouraging & pleasing.
 Strongly Disagree Disagree Neutral Agree Strongly Agree

2) Faculty wise feedback given by students:

25/11/2017 Faculty Feedback Performance[All] Change Password Logout

Welcome : Dr C.S Ghule (1229215002) Principal, MECH Working Designation : GHRCEMAM_PRINCIPAL(REGULAR) User Centre:GHRCEMAM

Centre Name : G.H.Raisoni College of Engineering & Management Ahmednagar Academic Session : 2016-2017 Semester Type : ODD

Form Name : FIRST FEEDBACK ODD SEM,2016 Span : 12/09/2016 - 25/09/2016

Department : Electronics & Telecommunication Course Year : TE_ETC_PN-A Show Preview

| Teacher Name | Subject | Performance | Grade | Remark |
|-------------------|--|-------------|-----------|--------|
| Prof V.P.Bhoje | ELECTROMAGNETICS AND TRANSMISSION LINES | 91.54 | EXCELLENT | |
| Prof B.R.Pawar | DIGITAL COMMUNICATION | 90.40 | EXCELLENT | |
| Prof N.V.Deshmukh | SYSTEM PROGRAMMING AND OPERATING SYSTEMS | 89.71 | EXCELLENT | |
| Prof S.M.Rakshit | DIGITAL SIGNAL PROCESSING | 91.77 | EXCELLENT | |
| Prof S.K.Meshram | EMPLOYABILITY SKILLS IN ELECTRONICS DESIGN | 91.54 | EXCELLENT | |
| Prof S.K.Meshram | MICROCONTROLLER AND APPLICATIONS | 92.91 | EXCELLENT | |

Help