

**SELF STUDY REPORT
Of**



Pravara Rural Education Society's
ARTS, COMMERCE AND SCIENCE COLLEGE, SATRAL
TAL-RAHURI, DIST- AHMEDNAGAR- 413 711 (MAHARASHTRA)
(Affiliated to Savitribai Phule Pune University, Pune)
(ID No. PU.A.N.ASC 057 1998)

SUBMITTED TO



**NATIONAL ASSESSMENT AND ACCREDITATION
COUNCIL (NAAC)**
[An Autonomous Institution of the University Grants Commission]
Bangalore - 560 072 India

JANUARY 2018

**Pravara Rural Education Society's
Arts, Commerce and Science College, Satral**
Tal. -Rahuri, Dist. Ahmednagar, Maharashtra-413 711.

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Mrs. Jayshree Singar

PREFACE

It is indeed a great pleasure and privilege for us to present the Self Study Report of our Arts, Commerce and Science College and pen a few words about this most dynamic and developing rural institution.

This college was established in Satral village by Pravara Rural Education Society on 18th August 1998. Under the guidance of the great visionary and versatile person **Dr. Balasaheb Vikhe Patil** (Padmabhushan Awardee), the college has developed both horizontally and vertically with facilities needed to cater to the education of rural masses in Arts, Commerce and Science streams. The college is affiliated to the Savitribai Phule Pune University, Pune and also included under sections 2(f) and 12(B) of the UGC Act. The college received DST-FIST, BSR grants and accredited with 'A' grade by NAAC in 2012 with CGPA 3.15.

The college offers undergraduate degree programs in Arts, Commerce and Science faculties viz., Bachelor of Arts (B.A.) in Marathi, Hindi, English, Economics, History, Politics and Geography; Bachelor of Commerce (B.Com.) and Bachelor of Science (B.Sc.) in Chemistry and Botany as special subjects at third year level. In addition to this, the institution also offers Post Graduate degree programs: English and Economics in Arts; Business Administration and Advanced Marketing Management in Commerce; Analytical Chemistry in Science. The College conducts skill-oriented add-on courses which enable the students to face the highly competitive job market with self confidence. The institution caters to the weaker and poor sections of the society by providing coaching classes for entry in services, competitive exams, and remedial classes for weak students. Since the last accreditation the College has made substantial growth in curricular and co-curricular and extension activities. Curriculum offered by the institution is highly relevant to the present needs of the society and aimed at overall personality and career development of students. The institution is committed to impart quality and value based education to the students, which help them in gaining knowledge and employment. The institution has highly qualified and experienced teachers, well equipped laboratories, library, gymnasium and spacious playground.

Various cells plan and monitor the activities following the guidelines by the affiliated university under Student Development Council (NSS, Earn and Learn, Redressal, Anti Ragging, Prevention of Sexual Harassment, Women Empowerment, Competitive Examination and Career Guidance). In addition, activities like Science Association, Bio-diversity Club, Literary Association, Extra Mural, Dr. Kalam Ignited Group, Commerce Association, Alumini association

are conducted. Programs for students' Soft Skill and Personality Development are well planned. Earn and Learn and Book Bank Scheme for economically and socially backward students is also in place. For counseling and recognizing the needs of students the institution has started 'Student-Teacher Guardian Scheme'.

The institution has introduced 12 Vocational and Career Oriented Certificate Courses viz. Agricultural Retail Marketing, Nursery Techniques, Poultry Farm Management, Bee Keeping, Dairy Farm Management; Computer Operation with MS Office, Tally 9.0, C.C.C., Data Entry, Personality Development, Spoken English and Padmabhushan Dr. Balasaheb Vikhe Patil Computer Literacy Program is made mandatory for first year students for basic computer literacy. Most of the faculties are actively engaged in research and published their research results in national and international journals. Infrastructural facilities of G+3 administrative and academic building, library, multipurpose hall, guest room, cycle stand and Botanical garden are available. The management and staff take strong efforts for quality enhancement and to achieve academic excellence in higher education. Students and staff are provided with broadband internet facility. The institution has begun Virtual Learning Center (VLC) to access recent knowledge and information. An annual system of academic and administrative audit has been implemented wherein the departments are assessed on their quality standards. The grade obtained in the last accreditation has helped our college to get reputation in the society and increased our academic standard. It is evidenced by the remarkable increase in the academic development, number of local applicants for courses offered during the past few years. I am proud to inform you that the institution has dynamic staff and modern infrastructure to keep pace with its future plans and successfully execute its mission and goals. It will definitely help the students in their vertical academic growth, gaining knowledge and generating employment. The institution always introspects to know its strengths and weaknesses. We wholeheartedly invite you to assess and reaccreditate under cycle II of the institution.

Principal

OUR INSPIRATION

PADMASHRI DR. VITTHALRAO VIKHE PATIL

Padmashri Dr. Vitthalrao Vikhe Patil, the pioneer of co-operative sugar movement in sugar industry, established the Asia's first co-operative sugar factory at Pravaranagar in 1948. He strongly believed that economic prosperity was not an end in itself. He realized that the **key** for all-round development of the rural masses is **education** and dreamt of making this rural area a fount of learning. Thus was established **Pravara Rural Education Society** in 1964 and under its umbrella, **Pravara Public School (1964)**, **Pravara Kanya Vidya Mandir (1969)**, (an exclusive residential school for girls) were established to provide primary and secondary education to the deprived class of rural masses. Not contented with school education offered at these two institutions, the society felt the need for a centre imparting higher education particularly to women. Subsequently a chain of several institutions mushroomed in this Pravara region for providing education in Technical, Vocational and Medical streams turning the founder father's dream into a reality, and **Arts, Commerce and Science College, Satral** is one of the elements of it.

The precise and artistic **emblem** of the college symbolizes the philosophy and objectives of our college.



Lit the Light Within which means "One should raise oneself with the help of self." It means that the soul only can uplift itself. There is no external agency which can help the soul in its liberation. Man can, with his spiritual efforts, transcend the senses, the mind, the intellect and the vital. Just as no one can help the soul except himself, we want the students to realize that they only can bring about their intellectual, physical, cultural and finally spiritual development. They should not depend upon anyone else for it. Such strong students will only build civilized and strong nation. The book in logo symbolizes the support of knowledge represents **Arts faculty**. The transaction symbolizes the **Commerce faculty**. The rocket and the burette stand for the **Science faculty**. Computer symbolizes new emerging technology. Sugarcane symbolizes the clean, healthy and pollution free, and eco-friendly atmosphere in college.

GENESIS

Pravara group consist three Tahshils i.e. Rahuri, Rahata and Sangamner of Ahmednagar District of Maharashtra. Adjoining 44 villages are remote, drought prone and undeveloped areas inhabited by poor villagers reeling under economic misery having practically no access to higher education. This situation pained and left a deep impact on Late Padmashri Dr. Vitthalrao Vikhe Patil who realized that the rural masses could be uplifted only through the highly potent medium of education. As a first step to achieve this goal Pravara Rural Education Society was established in 1964, under which Pravara Public School (1964) was the first English medium residential school, exclusively for the boys, established to impart quality education to the children of farming community. It was followed by Pravara Kanya Vidya Mandir in 1969 an exclusive residential school for girls. Padmashree firmly believed that education of a girl meant education for the family. Then the need for the establishing a centre for higher education is required and that is the genesis of Arts, Commerce and Science College, Satral, Tal. Rahuri, Dist. Ahmednagar.

Before the establishment of the institution in 1998, students from this rural area, who desired to pursue higher education, had no other option except joining the colleges at District & Tahshil level which was beyond reach for many. Only those who were with sound financial background could go for higher studies. All the rest, particularly girls, were found totally deprived of pursuing higher education. Due to financial hurdles, social psychology, lack of residential facilities, insecurity etc; almost all the parents from these areas were reluctant to educate their daughters. Because of such limitations, very few youth from the nearby villages could take graduation programmes. As we understand, the number of secondary school teachers from this area was just below ten and not even a single person was engaged in college level teaching. Such a pathetic situation was prevailing all over rural Maharashtra when our education society was established.

We wish to make a special mention about the fact that when this institution was established, a considerable number of students of this institution were hailing from extremely poor families located in drought prone area. In fact, several constraints were preventing them from the very idea of going for higher education. Only because of the Earn & Learn Scheme and other supporting schemes such as Poor Boys Funds, Free Computer Education Program, installment in fees,

Vocational Courses for personality development and self employment etc., those students could find a way out of these hurdles of vicious cycle of the life.

It is pertinent to mention that lack of graduates in rural areas caused great damage to the educational enthusiasm and aspiration in the early stage. Parents even did not realize that lack of higher education would have detrimental effect on their socio-economic status, development, life-style, approach towards new developments and innovation in the field of agriculture. By realizing the growing importance and role of higher education in all sectors of life, this college was established in 1998 under the able leadership of the great visionary, Padmabhushan Balasaheb Vikhe Patil. This step proved to be a golden opportunity for rural students especially for girls, who were deprived from higher education. The situation off course did not change instantly, even after the establishment of this institution. Only seven girl students had joined higher education during the 1st year of establishment, which is increased to three hundred twenty seven in the present year. Due to the teamwork of teachers for motivating the parents through interactive programmes like 'Teacher Guardian Contact Programmes', special coaching, personal attention etc. given in this college created faith, confidence, a sense of belonging and attachment among the students as well as parents. The attitude of the parents dramatically changed at a gradual pace. With greater security exclusively for girls supplemented with scholarships measurably promoted education of rural girls. Around this institution minority community are also noticeable and benefited by awarding various scholarships promoted for education without paying amount. All these efforts created a deep impact on the image of the institution as a Developing Centre, which vertically and horizontally caused an increase in student's strength. Students, especially from poor families, preferred to be students of this college and were proud of being the alumni.

Various activities and programmes organized by the institution for educational and academic excellence of our students changed the educational environment to a higher degree of congeniality. This also resulted in improving the sheer number of graduates and postgraduates in the area. At present, in every family, at least one graduate member is seen. These days no one finds the compulsion to go to district place or cities for higher education.

We can observe that the living standards and out look towards women have totally changed due to increase in number of the beneficiaries of higher education. The outlook of rural society is also modified considerably. The acceptability of new technology, in the field of agriculture is

clearly visible as many farmers are going for crop diversity, crop rotation, horticulture, floriculture and dairy farming etc. Many of the youth have also entered self-employment in entrepreneurship and service sectors. We hope that the progressive endeavors and activities of our college will help to reduce the percentage of dependents on agriculture with better alternative. Apart from the conventional education, the institution has introduced vocational courses for IInd and IIIrd year students and compulsory project writing for commerce students, which enables them to fit for employment and self employment, vocational avenues benefiting society and the nation at large.

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SELF STUDY REPORT

A) PROFILE OF THE COLLEGE

PART – I

INSTITUTIONAL DATA



By
Pravara Rural Education Society's
ARTS, COMMERCE AND SCIENCE COLLEGE,
SATRAL, TAL. RAHURI, DIST. AHMEDNAGAR-413711,
MAHARASHTRA, INDIA.

JANUARY-2018

1. EXECUTIVE SUMMARY

The present college was established in Satral village on 18th August 1998 by Pravara Rural Education Society in 12.5 acres of premises comprising of eco-friendly surroundings, G+3 administrative and academic building, laboratories, library, multi-purpose hall, guest room, parking sheds, botanical garden, gymnasium and spacious playground congenial for running curricular, co-curricular and extracurricular programs. The college is permanently affiliated to Savitribai Phule Pune University and approved under UGC sections 2 (f) and 12 (B). Apart from UG and PG programs in Arts, Commerce and Science, vocational, certificate, remedial, bridge courses and coaching for competitive examinations are also offered. The college stands with a specific objective of empowering the youth to make them responsible citizens through quality and need and value based education. Curriculum offered by the institution is highly relevant to the present needs of the society and aimed at overall personality and career development of students. Various cells in the institution plan and monitor different activities following the guidelines by the Student Development Council. Most of the faculty do research and publish papers in national and international journals. The management and staff constantly take efforts for quality enhancement to achieve academic excellence. Students and staff are provided with ICT facilities to enable them for self learning. Academic and Administrative Audit is conducted annually. The college received DST-FIST, BSR grants and accredited with 'A' grade by NAAC in 2012 with CGPA 3.15. Since the college is far from residential and industrial areas it is free from any kind of disturbances and noise pollution.

❖ Criterion I – Curricular Aspects

The College follows a proper curriculum planning and implementation strategy. The practices such as preparing teaching plan, maintaining academic diary, continuous assessment, and feedback help imparting knowledge and effective transaction of the curriculum. To make the teaching and learning more innovative and interactive the college has been equipped with the modern gadgets and ICT tools.

The college has provided 13 UG and 04 PG programs in Arts, Commerce and Science. In addition, the college has been offering Skill Oriented, Certificate, Vocational, Remedial and Bridge courses. 91% students are enrolled in these add-on courses. The college has also introduced Spoken

English and Communication Skills and Mulberry Sapling Producer courses. The curriculum addresses the issues of Gender, Environment and Sustainability, Human Values and Professional Ethics.

The faculty makes suggestions regarding curriculum to members of Board of Studies and are involved as members of Board of Studies. The curriculum of UG and PG programmes are framed by affiliating University, but the curriculum of Skill Oriented Certificate Courses and other enrichment programmes are framed by the institution.

Choice Based Credit System as recommended by the University is implemented for Post-graduation courses in Arts, Science and Commerce streams since 2013, in the institution.

The students are encouraged to undertake field projects in the areas of Environment Awareness, Business Administration and Marketing.

Feedback is obtained from stakeholders and necessary actions are taken.

❖ Criterion II – Teaching-Learning and Evaluation

The college has a transparent admission process adhering to the policies and procedures prescribed by the university and Govt. of Maharashtra.

The facilities and programs in the college cater to the needs of individual differences amongst learners.

‘Academic calendar and teaching plan’ is prepared at the beginning of academic year. The students are provided with necessary support, guidance and care to enable them to be in tune with the current IT world around. In addition, students’ performance in continuous assessment, co-curricular and extra-curricular activities, the special activities are offered to advanced learners.

The facilities and programs in the institution cater to the needs of the slow and advanced learners as well as differently abled students. Teaching and learning methodology is comprehensive that include student centric methods such as experiential and participative learning, problem solving methodology, and use of ICT, interactive learning in classrooms. Out of 39 teaching staff members, 01 teacher rewarded with Post Doctorate, 11 teachers with Ph.D., 07 with M.Phil. 08 teachers qualified SET/NET. The student teacher ratio is 25:1 and under each mentor there are up to 25 mentees.

The institution follows the evaluation process as stipulated by the university. Besides, tutorials, unit and open book tests, group discussions, seminars, home assignments, project work, test, viva –voce methods are also followed in the evaluation process.

The college uploads stated information of all the courses and programs and their outcomes on college website.

❖ Criterion III: Research, Consultancy and Extension

The financial resources are from UGC, DST, and affiliating university which were used for establishing research laboratory in chemistry, updating the science laboratories, research projects, research papers, seminars and conferences. Five faculty members are recognized as research guides under whom six students have been awarded with Ph.D. Degree and thirteen students have been pursuing their M. Phil studies.

One of the staff members from Department of Zoology received the fellowship from Erasmus Mundus European Union under Namaste Program at Polytechnic University of Valencia, Spain and submitted two proposals for research grants from national international funding agencies.

The institution has designed and established vermi-composting incubation unit as an innovative initiative and also organized workshops and seminars on Intellectual Property Rights and Industry-Academia.

The faculty has published 115 research papers in national and international journals and 112 papers in proceedings of the conferences/seminars. Faculty also published 07 books and contributed 15 chapters in books having ISBN. Some of the teachers have received awards and recognitions in academics. The institution has received The Best College Award from SP Pune University for the outstanding performance under Student Welfare Council.

The Research Committee has devised the code of ethics to check plagiarism and malpractices.

The extension activities are carried out by the students under the guidance and supervision of the staff in collaboration with NGOs. Annual social gathering is organized in which students bring out their hidden talents in cultural and sports activities. The institution has national and international linkages.

❖ Criterion-IV: Infrastructure and Learning Resources

The institution has provided required physical facilities and learning resources to the students thereby facilitating teaching and learning. The institution has 8 classrooms and 12 laboratories with ICT facilities. The institution has allocated required budget for augmenting infrastructure such as building construction, Purchasing Laboratory equipment etc. Physical department provides adequate sport facilities with a seven station multi-gym in a separate gymnasium. Grounds are utilized for playing outdoor games like Kho-Kho, Kabaddi, Cricket, Volleyball etc. Library functions as key learning resource which is automated with 'Koha' and 'Vridhhi' LMS. It provides e-resources through e-books, e- journals and databases. An amount of 1.19 lakhs is spent every year for purchase of books and journal. It has also provided remote access to e resources of the library. The Institution keeps updating its IT facilities such as, computers, internet connectivity, CCTV cameras, Printers, Wi-Fi modems etc. It has made use of ICT tools for teaching. Students are provided with 53 computers having 24 mbps internet speed. The students have an access to the recorded lectures through media centre available on the college website. There is a provision of allotting budget for the maintenance of physical and academic facilities. These expenses have been mentioned in the audited statements. The policy details of systems and procedures for maintaining and utilizing infrastructural facilities are uploaded on the website of the college.

❖ Criterion V: Student Support and Progression:

The students are supported with various scholarships sanctioned by Government of India, Government of Maharashtra, Savitribai Phule Pune University, Pune. Around seventy five percent students are benefitted from these scholarships. Sweaters and blankets purchased by Padmabhushan Awardee Dr. Balasaheb Vikhe Patil from his own funds are distributed free of cost to the students of 'Earn and Learn Scheme'.

The college also conducts eight capability enhancement and development programs. Career Counseling and Guidance for Competitive Examinations are keeping the students abreast of various opportunities in their career. The college conducts fifteen vocational courses for developing entrepreneurial skills among the students. The grievances of the students are addressed through Student Grievances Redressal Cell, Prevention of Sexual Harassment and Anti-Ragging Committee.

The institution takes efforts for the proper placement of the students and in the last five years, an average of 33% students could secure jobs in various sectors.

During the last five years, around 29% of the passed out students were able to pursue higher education. Some students got qualified in the state and central government competitive and also SET/NET/GATE examinations.

Five gold, one silver and one bronze medal were awarded to the students in the national sports competitions.

The college has student council which ensures the representation of the students in academic and administrative bodies.

The institution organizes several competitions, personality development, awareness and cultural activities all through the year.

The college has registered Alumni Association.

❖ Criterion VI: Governance, Leadership and Management

The leadership has provided a clear vision and mission to the institution which is displayed on the website and in the college premises, and also mentioned in the prospectus.

The governance and effective leadership by the education society frames the policies, develops new ideas and plans, strategies for e-governance and implements them and reviews the functioning of the college. The structure includes management of education society, local management, the Principal, Vice-Principals, IQAC Co-ordinator and Heads of the Departments all with specific roles and functions.

The management is always keen for the knowledge enrichment and welfare of the staff. The staff is provided with duty leave and / or study leave for participating in faculty development programs or pursuing higher studies or research work. The employees' co-operative credit society provides personal and emergency loans on easy installments. The entire outstanding loan amount is waived in case of unfortunate demise of the employee. The employees are covered under group and health insurance schemes.

The financial resources of the college include students' fees, grants from the funding agencies and state government. The financial status is audited regularly by the auditors. As compliance to the NAAC guidelines, the college has established Internal Quality Assurance Cell which advises plans and implements and monitors academic and administrative policies and activities, growth of the

college and submits AQAR report to the NAAC. The IQAC also verifies the self appraisal report and API score of the staff and recommends for promotions under career advancement scheme.

❖ Criterion VII: Institutional Values and Best Practices

In addition to academic programs, the institution adopted some values and best practices related to student, community and environment aiming at creating consciousness in every stakeholder and sustain quality in every aspect of the institution.

Considering the fact if given the opportunities women can show extraordinary performance and to remove the misconception regarding their gender, safety and security, various gender equity programs are conducted. A woman Vice- Principal and security guard were anointed. Counseling centre, common room and sick room are available.

Regarding environmental consciousness aspect, system for tapping solar energy is in place. LEDs help minimizing power consumption.

Initiatives taken for waste management include establishment of vermi-composting. Solid, liquid (Chemical) and e-waste are collected and deposited in the garbage collection centre.

The college has made provision for harvesting and storing rainwater from the terrace.

Steps are taken to ensure for a pollution-free and eco-friendly campus. Use of plastic items is discouraged. Paper usage and wastage is brought down due to computers and internet facilities. Saplings are planted on important occasions. Students are advised to come on bicycles. Budget is allocated for Green Audit and other practices.

Facilities for differently abled persons are available. Code of conduct is given in the prospectus, handbooks. The core values are displayed in premises and on website.

Programs to promote universal values, celebrate national festivals, birth and death anniversaries of great personalities are organized. Transparency in financial, academic and administrative functioning is ensured. Initiatives to address the locational advantages and disadvantages are undertaken.

❖ **Strengths, Weaknesses, Opportunities and Challenges (SWOC) Strengths:**

❖ **STRENGTHS:**

- The college is co-educational offering UG, self financing PG, Vocational, and Skill Oriented Certificate Courses.
- The campus is Eco-Friendly, pollution-free, serene, with spacious administrative and academic buildings and well equipped laboratories.
- The college is 100% grant-in-aid and also eligible to receive the development grants from various funding sources.
- Fully computerized Library enriched with assorted text books, reference books, magazines, journals along with free internet facility and e-resources.
- Separate playground segments and other facilities for indoor and outdoor games and well equipped gymnasium
- The Institute has well qualified and experienced teaching staff of which 01 is Post-doctorate, 11 with Ph.D., 07 with M. Phil., and 08 qualified in SET/NET and majority of the staff members are young and dynamic.
- An average of 72 % of the students are supported with various types of scholarships'
- Since the college is far from residential and industrial areas it is free from any kind of disturbances and noise pollution.

❖ **WEAKNESSES:**

- Unability of the poor students to pay fees for self financed programs
- No recognized research center
- No access to main road and no public transport facility.
- Students are from the rural background hence poor in English conversation and comprehension
- Irregularities in the electric power supply.

❖ **OPPORTUNITIES:**

- To start some more PG and research programs
- Scope for expansion of the infrastructure facilities
- To get more development grants
- Upgrading and strengthening ICT facilities.

- The college being located in rural area gives easy access to higher education to the students particularly girls from nearby villages in a homely atmosphere.
- Scope and potential for strengthening strengths and weakening the weaknesses

❖ **THREATS:**

- Rural and poor background of students.
- Less students exposure to the challenges in modern world
- Poor economic condition of the students hence may not pursue higher studies
- Competition from nearby colleges hence possibility of decrease in admissions

❖ **CHALLENGES**

- Rural and poor background of the students.
- Competition from nearby colleges hence possibility of decrease in admissions
- Language competence

❖ **FUTURE PLANS :**

- To start PG programmes so as to enable the students complete their higher level education in the same institute.
- To initiate more advanced skill oriented program
- To get the recognition for research center so as to inculcate research culture
- To inculcate competitive nature among students to withstand in the competitive avenues at national and global levels
- Continuous up-gradation of infrastructure and knowledge enrichment of the staff
- Strive to receive more grants from various funding agencies.
- To increase number of collaborations at national and international level

❖ **ADDITIONAL INFORMATION**

LIFE IN OUR COLLEGE

Twelve acres of lush green and serene premises of college with all facilities is conducive for conducting curricular, co and extra- curricular programs.

At 6.00 am, security staff opens locks, switches off lights and ensures that overhead water tanks are full.

Students in college uniform are seen entering campus at 7.45 am. Staff endowed with high professional integrity and work culture reaches in time in dress code.

Theory classes for Arts and Commerce students commence at 8 am and practical at 9 am for science students. Interval of 15 minutes makes staff and students relax and refresh for next session. At 5 PM, security staff takes the control of college premises.

Students under earn and learn help in college work under guidance of coordinator. 10 days NSS camp is conducted in adopted villages in first week of December for extension and personality development activities.

First term examinations are generally concluded before winter vacation.

Staff, students participate in various academic enrichment programs, co and extra-curricular events conducted as per the calendar.

Educational / field study tours are arranged to different places of interest or importance.

During the end of January, a two day annual students gathering is organized in which student exhibit their artistic talents. Annual sports competitions and prize distribution ceremony in first week of February marks the end of co and extracurricular activities.

Come March-April, examinations commence and staff is engaged in examinations work.

All these remain as memorable events to every one of us.

❖ CONCLUSION

The college offers UG, PG, Vocational, and Skill Oriented Certificate Courses. The campus is made Eco-Friendly, pollution-free, serene, with spacious administrative and academic buildings and well equipped laboratories. The college is 100% grant-in-aid and also eligible to receive the development grants from various funding sources. The college is well equipped with computerized Library enriched with assorted text books, reference books, magazines, journals along with free internet facility and e-resources. The college has a separate playground and other facilities for indoor and outdoor games and well equipped gymnasium. The Institute has well qualified and experienced teaching staff of which 01 is Post-doctorate, 11 with Ph.D., 07 with M. Phil., and 08 qualified in SET/NET and majority of the staff members are young and dynamic. Averages of 72 % of the students are supported with various types of scholarships'. Since the college is far from residential and industrial areas it is free from any kind of disturbances and noise pollution.

2. PROFILE OF THE AFFILIATED /CONSTITUENT COLLEGE

1. Name and Address of the College:

Name	:	Pravara Rural Education Society's, Arts, Commerce and Science College, Satral.		
Address	:	At.- Satral, Post- Songaon, Tal- Rahuri, District Ahmednagar		
City	:	Satral	Pin: 413 711	State: Maharashtra
Website	:	http://pravaracollege.in/ASC_Satral/		

2. For communication:

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Dr. Sopan Shingote	O:02426-275763 F:02426-275763	9881330838	02426-275763	acscsatral@gmail.com
Vice-Principal	Mrs. Jayshree Singar	O:02426-275764	9404449755	02426-275763	acscsatral@rediffmail.com
Coordinator IQAC	Mr. Prashant Harale	02426-275764	9860370015	02426- 275763	prashantharale@rediffmail.com
Coordinator Steering Committee	Dr. Anil Kurhe	02426-275764	9420154754	02426-275763	anil.kurhe@gmail.com

3. Status of the of Institution :

Affiliated College	<input checked="" type="checkbox"/>
Constituent College	X
Any other (specify)	X

4. Type of Institution:

a. By Gender		
i	For Men	-
ii	For Women	-
iii	Co-education	<input checked="" type="checkbox"/>

b. By Shift		
i	Regular	<input checked="" type="checkbox"/>
ii	Day	<input checked="" type="checkbox"/>
iii	Evening	-

5. Is it a recognized minority institution?

Yes	X
No	<input checked="" type="checkbox"/>

If yes specify the minority status (Religious/linguistic/ any other) and provide documentary evidence.

6. Source of funding:

Government	-
Grant-in-aid	<input checked="" type="checkbox"/>
Self-financing	<input checked="" type="checkbox"/>
Any other	-

7. a. Date of establishment of the college:

Date	Month	Year
18	08	1998

**b. University to which the college is affiliated/ or which governs the college
(If it is a constituent college)**

Savitribai Phule Pune University, Pune (Maharashtra State)

c. Details of UGC recognition:

Under Section	Date, Month & Year	Remarks (If any)
i. 2 (f)	26-09-2008	F.8-150/2008(CPP-I)
ii. 12 (B)	27-09-2010	F.8-150/2010 (CPP-I/C)

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

**d. Details of recognition/approval by statutory/regulatory bodies like
AICTE, NCTE, MCI, DCI, PCI, RCI etc (other than UGC):**

Statutory Regulatory Authority	Recognition/Approval details Institution/ Department Programme	Day, Month and Year	Validity	Remarks
i. DST	DST- FIST in Chemistry	03-07-2015	5 years	Ongoing
ii. MSSDS	Government of Maharashtra	25-07-2017	Temporary	Ongoing
(Enclose the recognition/approval letter)				

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes	<input checked="" type="checkbox"/>
No	X
If yes, has the college applied for autonomy?	
Yes	X
No	<input checked="" type="checkbox"/>

9. Is the college recognized:

a. By UGC as a College with Potential for Excellence (CPE)?

Yes	X
No	<input checked="" type="checkbox"/>

If yes, date of recognition:

b. for its performance by any other governmental agency?

Yes	<input checked="" type="checkbox"/>
No	X

If yes, Name of the agency: **Student Development Council, Savitribai Phule Pune University Pune**

Date of recognition: **12/08/2017**

10. Location of the campus and area in sq.mts:

Location *	Rural
Campus area in sq. mts.	50585.71 sq.mts.
Built up area in sq. mts.	4187.85 sq. mts.

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Details of programmes offered by the college (Give data for current academic year)

S. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1.	Under-Graduate	1. B.A.	3 yrs	H.S.C. (10+2)	Marathi	360	174
		2. B.Com.	3 yrs	H.S.C. (10+2)	Marathi	360	184
		3. B. Sc.	3 yrs	H.S.C. (10+2)	English	372	360
2.	Post-Graduate	1. M.A. (Eco.)	2 yrs.	B.A.	Marathi	120	00
		2. M.A. (Eng.)	2 yrs.	B.A.	English	120	00
		3. M.Com.	2 yrs.	B.Com.	Marathi	120	57
		4. M.Sc. (Analytical Chemistry)	2 yrs.	B. Sc.	English	48	48
3.	Certificate courses	1. Agricultural Retail Marketing	3 months	II & III year UG	Marathi	25	25
		2. Nursery Technique	3 months	II & III year UG	Marathi	25	25
		3. Poultry Farm Management	3 months	II & III year UG	Marathi	25	25
		4. Apiculture	1 months	II & III year UG	English	50	50
		5. Dairy Farm Management	3 months	II & III year UG	Marathi	25	25
		6. Computer Operation with MS Office	6 months	12 th +	Marathi	25	25
		7. Tally 9.0	3 months	12 th +	English	25	25
		8. CCC	3 months	12 th +	English	50	50
		9. Data Entry	3 months	12 th +	English	25	25
		10. Padmabhushan Balasaheb Vikhe Patil Computer Literacy Program	30 hours	1 st year UG	English	372	300
		11. Personality	30 hours	II & III year UG	Marathi /	50	50

PRAVARA RURAL EDUCATION SOCIETY'S ARTS, COMMERCE AND SCIENCE COLLEGE SATRAL

S. No.	Programme Level	Name of the Programme/ Course	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
		Development			English		
	12.	Soft Skill Development Program	30 hours	Third year UG	English	120	60
4.	Skill development Certificate Courses/	13. Spoken English and Communication Skill	180 hours	8 th Pass	English	30	30
		15. Mulberry Sapling Producer	230 hours	5 th Pass	English	30	30
5.	Any Other	Competitive Exam	3 months	12 th +	Marathi /Hindi/English	50	40

(Specify and provide details)

12. Does the college offer self-financed Programmes?

Yes

No

If yes, how many?

13. New programmes introduced in the college during the last five years if any?

Yes	√	No	X	Number	03
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- 1. List the departments:** (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments	UG	PG	Research
Arts	Marathi	B.A.	--	--
	Hindi	B.A.	--	--
	English	B.A.	M.A.	--
	Geography	B.A.	--	--
	Economics	B.A.	M.A.	--
	Political Science	B.A.	--	--
	History	B.A.	--	--
Commerce	Commerce	B.Com.	M.Com.	
Science	Chemistry	B.Sc.	M.Sc.	--
	Botany	B.Sc.	--	--
	Zoology	B.Sc.	--	--
	Physics	B.Sc.	--	--
	Mathematics	B.Sc.	--	--

- 2. Number of teaching and non-teaching positions in the Institution**

Positions	Teaching Faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		M	F	M	F
	M	F	M	F	M	F				
Sanctioned by the UGC / University / State Government Recruited	01	--	02	01	18	03	10	00	00	00
Yet to recruit	01		00		05		0		0	
Sanctioned by the Management/ society or other authorized bodies Recruited	--	--	--	--	--	--	14	05	06	00
Yet to recruit	--		--		--		04		01	

*M-Male *F-Female

3. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant		Total
	Male	Female	Male	Female	Male	Female	
Permanent teachers							
D.Sc./D.Litt. /Post Doc	--	--	--	--	01	--	01
Ph.D.	--	--	02	01	06	01	10
M. Phil.	--	--	--	--	04	02	06
PG /NET/SET	--	--	--	--	07	--	07
Temporary teachers							
Ph.D.	--	--	--	--	01	--	01
M. Phil.	--	--	--	--	01	--	01
PG	--	--	--	--	05	07	12
NET/SET	--	--	--	--	00	01	01
Part-time teachers							
Ph.D.	--	--	--	--	--	--	--
M. Phil.	--	--	--	--	--	--	--
PG	--	--	--	--	--	--	--

4. Number of Visiting Faculty /Guest Faculty engaged with the College.

02

5. Furnish the number of the students admitted to the college during the last four academic years.

Categories	Year 1 (2013-14)		Year 2 (2014-15)		Year 3 (2015-16)		Year 4 (2016-17)	
	Male	Female	Male	Female	Male	Female	Male	Female
SC	55	31	56	23	73	23	50	34
ST	17	03	19	02	20	02	16	01
OBC	148	111	168	121	149	117	119	104
General	256	199	245	182	248	187	230	173
Others	41	22	40	22	43	21	36	17
Total	517	366	528	350	533	350	451	329

6. Details on students enrollment in the college during the current academic year:

Type of students	UG	PG	M. Phil.	Ph.D.	Total
Students from the same state where the college is located	718	105	--	--	823
Students from other states of India	--	--	--	--	--
RI students	--	--	--	--	--
Foreign students	--	--	--	--	--
Total	718	105	--	--	823

7. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component	Rs. 52112.81
(b) excluding the salary component	Rs. 8695.27

8. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only).

Cycle1:15/09/2012

Accreditation Outcome/Result -A (3.15 CGPA)

9. Date of establishment of Internal Quality Assurance Cell (IQAC) :01/09/2012

10. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC

AQAR	i	31/08/2013
AQAR	ii	15/01/2014
AQAR	iii	28/04/2016
AQAR	iv	31/10/2017
AQAR	v	21/11/2017

3. Quality Indicator Framework (QIF) Essential Note:

CRITERION I – CURRICULAR ASPECTS

Key Indicator – 1.1 Curricular Planning and Implementation

1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

The college being affiliated to Savitribai Phule Pune University, Pune adheres to the syllabus prescribed by the University. The curriculum is designed by the Board of Studies of the affiliating university. The academic calendar issued by the affiliating university forms the basis for designing the academic calendar for college. The college systematically designs and develops action plans for effective implementation of the curriculum. At the outset, the Principal conducts meetings with the Heads of Departments and asks to develop various strategies for effective delivery of the curriculum. Commencement and concluding dates of the college, curricular, co-curricular, extra-curricular activities, unit tests, tutorials and examination dates are mentioned in the academic calendar. Concerned departments conduct their internal meetings and develop academic plans such as time-tables, teaching plans and records for the academic year.

Teachers impart the curriculum through innovative teaching methods in addition to traditional methods. Apart from this, presentations, assignments, discussions, workshops, seminars, industrial visits are also organized. Lesson plans, subject course files and teaching diary is maintained by every faculty member.

Apart from regular classes, guest lecturers / workshops are also organized to keep the students abreast of the latest knowledge in the subjects. Advanced learners are encouraged to read and review articles, undertakes project work etc. Academic levels of the weaker students are raised through remedial coaching. Bridge courses are conducted for the entry level students. The educational tours and industrial visits are organized for the experiential learning and interaction with the external agencies.

The college runs **fifteen** vocational courses which include English Proficiency/Spoken English and Communication Skills, Apiculture, Sericulture/Mulberry Sapling Producer, Agricultural Retail Marketing, Nursery Techniques, Dairy Farm Management, Computer Operation

with M.S. Office, Tally 9.0, Data Entry, Personality Development, Computer Literacy, Poultry Farm Management, CCC, Competitive Examination, and Soft Skill Development. Among the courses prescribed by the affiliating university, a student can opt for one core subject of his/her choice as special subject. Choice Based Credit System is introduced for PG courses since 2013, by the University. Students are provided with skill oriented programs such as Spoken English and Communication Skills and Mulberry Sapling Producer. Students are assigned mini project works which address cross cutting issues such as Gender Equity, Environmental awareness, Health, Female Foeticide, Human Values, Human Rights, Women Empowerment, Disaster Management and Professional Ethics.

The feedback obtained from students, Alumni, Faculty, Employers and Parents is analyzed by the committee to assess the SWOT in system. Staff members participate in workshop for syllabus framing organized by the Board of Studies. Syllabus for the Certificate Courses is designed at college level. Feedback of students is obtained through well designed questionnaire and informal discussion. Feedback from Alumni is obtained by informal discussion during alumni meet. Parents' feedback is obtained in parents' meet and a special program 'Mahila Melava'. Feedback from employers is informally obtained through the discussion, campus interviews and visits. Highlights of the SWOT in feedback are brought to the notice of Principal, LMC and Management as the case may be for perusal and further actions.

1.1.2 Number of certificate/diploma program introduced during the last five years: 02

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as B o S and Academic Council during the last five years.

Answer: 3.70 %

Key Indicator – 1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Answer: 10.27 %

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/elective course system has been implemented.

Answer: 26.66 %

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma /Add-on programs as against the total number of students during the last five years

Answer: 91.85 %

Key Indicator - 1.3 Curriculum Enrichment

1.3.1 Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

Description of courses

The college adopts the curriculum designed by the Savitribai Phule Pune University, Pune. The curriculum offered in the college addresses the demands of the society in creating awareness, and knowledge among students. The courses in the curriculum which addresses above mentioned issues are as follows:

S. No.	Cross Cutting Issue	Course	Class	Subject	Topic in which the issue is addressed	Description of the Issue Addressed
1.	Gender	UG	First Year B.A.	History	Jijamata, Tarabai	Feminist issue is addressed
				Economics	Indian Economy -	Population-Sex Composition
			First Year B.Sc.	Zoology	Cell biology and Genetics, Animal Systematic and Diversity	Sex differentiation, hereditary characters
				Second Year B.A.	Hindi	Kathadhara (Mira Nachi)
			History		Annie Besant	Social Reforms through Theosophical Society
			Second Year B.Sc.	Zoology - Applied Zoology	Fishery, Sericulture, Apiculture	Nutritional values
			Third Year B.A.	History	Conceptional Studies	Feminism
				Economics	Gender Budget	Tax concession for women

			Third Year B.Sc.	Botany	Sex linked inheritance, Chromosomal abbreviations	Problems of inheritance
2.	Environment and Sustainability	UG	Second Year B.A	Hindi Kahani	Gadya Gaurav	Noise pollution
			Second Year B.A, B.Com and B.Sc.	Environmental Awareness	Environment	environment issues
			Second Year B.A, and B.Sc.	Marathi	Conservation of Environment	Conservation
				Hindi	Bharti Gadya Sangrah	air, noise pollution, atomic energy, radiation effect
				Botany	Environmental Awareness, Plant and Environmental Biotechnology,	Effects due to destruction or disturbance of Ecosystem
				Physics	Physics principles and Application	Radiation effects
		UG	Third Year B.Sc.	Chemistry	Environmental Chemistry	Air, Water and Soil pollution
				Botany	Plant Ecology and Biodiversity	Importance and conservation
3.	Human values	UG	First Year B.A.	Politics	Fundamental Rights and Duties	Rights and duties of the citizens
				Marathi	Matrupanchak	Honoring the soil as mother
				Hindi	Panch-parmeshwar	Importance of Truth
			First Year B.Com.	Marathi	Biographies	Human values
			Second Year B.A.	Politics	Constitutional process in India,	Freedom, Equality, Justice
				Hindi	Usane Kaha Tha	Patriotism
				History	Satyagraha, Non-alignment	Truth, Non-violence, Patriotism
				Geography	Cultural Factors Assessment	Cultural, Traditional and Ethical values

				Geography	Human Race	Human Race and Diversity
			Third Year B.A.	Geography	Migration	Equality and cooperation
				Geography	Tropical Agriculture	Human activity
				Hindi	Mera Jeevan, Kya Bhulu kya Yad karu	Humanity, Truth, Equality and social justice
			Third Year B.Com.	Economics	Human Development Index	International ranking for age, literacy, and per capita income
		PG	M.Com. M.Sc.	Human Rights Education Cyber security	Human Values and Human Rights Cyber Security, Cyber Terrorism, Topology	Equality and justice cyber piracy
4.	Professional Ethics	UG	First Year B.A.	History	Shivkalin vyapar (Gavagada)	Business strategies in 17 th Century
			First Year B.Com.	Hindi	Gadya parimal	Honesty and punctuality
			First Year B.Sc.	Botany - Industrial Botany	Green House Technology, Floriculture	Nursery Technique
			Second Year B.Sc.	Zoology	Sericulture, Apiculture	Rearing and Management
		PG	M.Com.	Advance Marketing Management	Business ethics and Professional values	Marketing Ethics

List of Core Courses: Under Graduate

Sr. No.	Program	Core Course
•	B.A.	Compulsory English
•	B.Com.	Functional English, Financial Account, Business Economics, Banking, Marketing and Computer Concepts
•	B.Sc.	Physics, Chemistry, Botany, Zoology, Mathematics

Post Graduate

Sr. No.	Program	Core Course
•	M.A.	English, Economics
•	M.Com	Business Administration, Advance Marketing
•	M.Sc.	Analytical Chemistry

1.3.2 Number of value-added courses imparting transferable and life skills offered during the last five years:

Answer: 15

1.3.3 Percentage of students undertaking field projects / internships

Answer: 33.16

Key Indicator – 1.4 Feedback Systems

1.4.1 Structured feedback received from

- Students,
- Teachers
- Employers
- Alumni
- Parents for design and review of syllabus Semester wise /year wise

Options:

- Any 4 of above
- Any 3 of above
- Any 2 of above
- Any 1 of above
- None of the above

1.4.2 Feedback processes of the institution may be classified as follows

Answer: A. Feedback collected, analyzed and action taken and feedback available on website

- Feedback collected, analyzed and action has been taken
- Feedback collected and analyzed
- Feedback collected
- Feedback not collected

CRITERIONII – TEACHING-LEARNING AND EVOLUTION

Key Indicator- 2.1 Student Enrolment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years:

Answer: Nil

2.1.2 Average enrollment percentage (Average of last five years)

Answer: 60.51

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five

Answer: 57.99

Key Indicator- 2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organizes special programs for advanced learners and slow learners

After commencement of the teaching program, the learning levels of the students are assessed by the teacher based on the result of their previous examination, classroom participation and observation by the teacher in the beginning. Based on these criteria, the teacher identifies the slow and advanced learners. Since the college is in rural area, the students are from the rural background not having enough knowledge and skills. Head of the institution discusses about the programs required to be introduced in the meetings with the teachers, students, parents and management for the slow and advanced learners. After thorough discussion, the teachers are asked to prepare plan for conducting programs without overlapping the regular academic schedule. During the last five years certain programs such as remedial, bridge, vocational and certificate courses, seminars, workshops, competitions have been conducted. A guardian teacher is allotted a group of 20-25 students to look into their needs.

Weak students are paid more attention in the classrooms and provided with study materials. They are also given more home assignments and their difficulties are solved during the leisure

time. The class teacher also counsels such students to instill confidence in them. Bridge courses are conducted by Financial Accounting, Physics, and Economics. Remedial coaching is offered to slow learners by the departments of English, Accountancy, Chemistry and Physics beyond the scheduled time. The students are asked to solve question papers of the past examinations conducted.

In addition, students' performance in continuous assessment, co-curricular and extra-curricular activities, the special activities are offered to advanced learners. Such students are encouraged to participate in various competitions, competitive examinations and are made aware of the opportunities and scope in career. These students are also motivated to take up mini research project work, present research papers in various conferences, seminars, workshops and appear for the qualifying examinations like GATE, JRE, SET, NET and so on and so forth.

2.2.2 Student: Full time teacher ratio

Answer:

Sr.No.	Year	Students Teachers ratio
•	2012-13	25:1
•	2013-14	25:1
•	2014-15	24:1
•	2015-16	25:1
•	2016-17	19:1

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Answer: 0.38

Key Indicator-2.3 Teaching-Learning Process

2.3.1 Student centric methods such as experimental learning, participative learning, and problem solving methodologies are used for enhancing learning experiences.

The students are come from nearby villages with totally rural background and they are provided necessary support, guidance and care so that they are equipped to run with the current IT world around.

Experiential learning:

Teaching has been made more effective with the support of experiential learning, industrial and field visits organized by the college to enrich the knowledge of students. In addition to regular teaching, study tours are organized for students. Students of Chemistry visit chemical and pharmaceutical

industries to have practical knowledge. Botany students visit forest and study rare herbal endangered plants. Student of Zoology visits to seashore for the collection of shells. Students from Commerce faculty visits various manufacturing and service industries, financial institutions, bank etc. while Arts faculty students visits museums, historical and geographical places and libraries for experiential learning. Formal interaction and group discussion amongst the students and faculty have been useful in understanding the needs of industry especially in skill development. The college organizes workshops, seminars, conferences for strengthening the academic activity.

Participative learning:

Students are motivated to participate during regular theory and practical by interactive teaching methodology. Students are encouraged to contribute the articles in Marathi, Hindi and English sections of Annual Magazine '*Panchkroshi*' of the institution. Individual seminars are conducted for the students to assess their performance which enhances their technical communication skill and help to overcome stage fear. Industrial/field visits are organized for graduate and post graduate students to upgrade their theoretical and practical knowledge. Students participate in various activities such as debating competitions, elocution competitions, Career Guidance, speeches of eminent writers, poets, industrialists, social workers, Government Officers, and Chartered Accountants. They also actively volunteer themselves to participate in the activities organized by Literary, Commerce, and Science Associations

Problem Solving Methodologies

The faculty, principal, vice principal, heads of departments guide and counsel students regarding academic difficulties like getting curriculum reference materials, inconvenience in theory and practical time table, writing project report, examination pattern etc. The Student Grievance Redressal cell addresses the problems. The Woman Vice –Principal is specially appointed to look into the problems of girl students. Under mentor teacher, up to 25 students get their problems solved. Economically weaker students are admitted in Earn and Learn Scheme to meet their financial needs. For slow and advance learners bridge and remedial courses are conducted.

Soft Skill Development Program is run very effectively for the final year students at under graduate level to improve personality and communication skills. Lectures are arranged to promote abilities for adaptive and positive behavior that enable students to deal effectively with the demands and challenges of everyday life. In addition to curriculum, skill based certificate courses are available for students which increase life skills and employability. Computer laboratory with free internet

services are available for students to get or submit their online information. The physically impaired students are provided with necessary facilities. A round the clock vigilance by security personnel is helping to avoid undesirable activities to large extent.

2.3.2 Average Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Answer: 100

2.3.3 Ratio of mentor to students for academic and stress related issues

Sr. No.	Year	Number of full time teachers Mentor : Mentee Ratio
•	2012-13	1 : 25
•	2013-14	1 : 25
•	2014-15	1 : 24
•	2015-16	1 : 25
•	2016-17	1 : 19

2.3.4 Innovation and creativity in teaching learning Process

The college provides several opportunities to students which promotes Innovation and creativity amongst students.

Innovation:

The major innovative teaching approaches /methods adopted by the faculty during the last five years are use of ICT in teaching, delivery of lectures through Power Point Presentation, use of video clips, animations, creation and use of models, software. To enhance learning experiences of students, college has employed learning methodologies such as interactive, collaborative, and independent and project based learning. Lecture method is supplemented by guest lectures, seminars, charts, maps, group discussions, films, laboratory experiments, documentaries to make teaching interesting.

Institute encourages the faculty to adopt new and innovative approaches by organization of seminars, workshops, and training programs. College has adequate resources and teaching aids. It also organizes field / industrial visit for imparting practical knowledge. Institute takes efforts to expose faculty and students to gain the advance level of knowledge and skill through blended learning, expert lectures, seminars, workshops, conferences etc. The College has a strong

networking and linkages with other institutions that help the faculty for teaching and learning effectively.

Promotion of creativity:

The college has digital library which provides faculty and students with the latest available information through membership of reputed agencies. The annual cultural events such as drama, rangoli, dance, sport events, and commerce festivals and annual gathering provide a platform for students to bring out their leadership and managerial skills, creativity and other hidden talents in them. Students publish their written articles, poems in the college magazine.

Students are encouraged to participate in various activities like Avishkar (Regional Research) competition initiated by the University, blood donation, debating competition, science quiz, essay writing and also industrial / field visits to get exposure of practical knowledge.

Participation of students in project work at UG and PG Programs encourage them to develop creativity. They are also encouraged to participate in seminars workshops and conferences to present their research articles. The students actively participate in programs like science association, commerce association, literary association etc, to develop and share their ideas with others. The NSS volunteers are actively involved in various activities like community oriented surveys in adapted village, social issues, tree plantation, energy conservation, HIV-AIDS awareness etc. Guest lectures by eminent personalities are organized by the college to boost the creativity among the students.

Key Indicator- 2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during last five years

Answer: 88.93

2.4.2 Average percentage of full time Teacher with PhD during last five years.

Answer: 4.9

2.4.3 Average Teaching experience of full time teacher in number of years

Answer: 9.47

2.4.4 Average Percentage of full time teachers who received award, reorganization, fellowships at state, national, international level from Government, recognized bodies during the last five years.

Answer: 11.08

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Answer: Nil

Key Indicator- 2.5 Evaluation process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation (CIE) system at the institutional Level

The evaluation reforms suggested by the University are brought into practice closely monitored by the Principal, College Examination Officer (CEO) and the examination committee of the college. This ensures the smooth functioning of all the examination schedules. The evaluation pattern is communicated to the departments before commencement of the internal and practical examinations. The required infrastructure and facilities for downloading the question papers, results, marks sheets and uploading the examination forms, theory and practical marks is available and regularly updated. Each department has a choice to select the evaluation tools from those prescribed by the affiliated University. The performance of students is monitored through continuous assessment and appropriate actions are taken for the improvement.

The subject teacher in introductory lectures tries to assess the depth of knowledge and skills of the students. After commencement of the program, students' assessment is done through tutorials, tests, and personal observation in the theory and practical classes etc. Students are clearly made aware of the eligibility conditions required to appear in the final examinations. The faculty members read the instructions even in the classrooms and copy of the same is also displayed on the college and departmental notice-board. Likewise, they are informed at the beginning of the session regarding the examination pattern.

The college monitors the progress of the students by continuous assessment on the basis of tutorial, home assignments, surprise test, group discussion, seminars, project work, objective test, open book test, oral, quiz, term end examination and internal test in theory and practical examination. Students are informed about schedule of examination well in advance by displaying it on notice board. The college has constituted internal squad to avoid any kind of unfair practices in the examination halls. The assessment of these examinations is done by respective subject teacher and the record of the same is kept in their department. For first year BA, B.Com., B.Sc., the answer books are assessed at Central Assessment programme (CAP) conducted at the college with the Principal as director and college examination officer as co-ordinator of the program.

The academic growth of disadvantaged section is evaluated and constant efforts are taken to improve their performance. Students are monitored through Student-Teacher Guardian Scheme.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

The college is affiliated to Savitribai Phule Pune University. Theory and practical examinations are strictly followed as per university norms and guidelines. The College Examination Committee ensures the smooth conduct of the examinations. Complete transparency is done in the internal assessment, theory and practical examinations.

Theory:

The University has introduced 80:20 patterns for B.A., B.Com. and first year B.Sc. while semester pattern for second and third year B.Sc. In post graduate section, there is a semester system on choice based credit system. If the performance of the students in internal assessment is not satisfactory; re-examination is considered.

20 marks are allotted for practical examination in commerce while 100 mark for geography practical examination. The science faculty students have to appear for the practical examination in the respective subjects with 100 marks (in internal 20 and external examination 80).

Research Project:

A project work of 100 marks is mandatory in M.Com semester IV assessed by the External and Internal Examiners. Project works on environmental awareness courses are compulsory for all students of second year UG and on environment audit for PG (Analytical Chemistry) students.

Visits:

The students of science have to visit nearby industries and prepared a report on the visit, interaction, participation and learning.

Continuous assessment: The performance of the students is evaluated continuously throughout the year regularly by class test, tutorial, seminar, group discussion, performance in practical, attendance, projects, viva – voce examination etc.

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

The college examination committee solves the problems of students regarding examination and evaluation. The Institution and SP Pune University have provision for redressal of grievances regarding examination and evaluation methodology. The students have the right to get photocopy

of answer sheets verification and reevaluation of answer paper and correction in hall ticket. If student due to genuine reason is unable to appear for practical examination as per schedule of university, he/she may be appear in the next batch as out of turn candidate or in another centre.

The provision of separate examination for students participating in competition at national and international level and **Allowed to Keep Term** (A.T.K.T.) system by the SP Pune University enables the student to continue the studies in the next year. ATKT is permissible to Arts and Commerce students who fail in not more than two subjects while for science students ATKT is applicable if they fail in four subjects. Unsuccessful candidate is given five years time to complete the degree course.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

- **Academic Calendar:**

The Academic calendar showing curricular, co-curricular, extra-curricular and examination activities is prepared at the beginning of the academic year in consultation with the academic schedule declared by the affiliating University in the month of June for smooth planning and implementation of academic programs. This calendar is printed in college prospectus.

- **Time Table:**

Time table committee prepares college time table as per the structure of curriculum of the affiliating University and curriculum designed by Institution for skill oriented courses, bridge and remedial courses.

The lectures of skill oriented courses, bridge and remedial courses are arranged in between morning and afternoon sessions as per the convenience of students.

- **Teaching Plans:**

Each faculty prepares teaching plan for first and second term separately. The HoDs take the review of teaching plan and monitor the same.

College has provided teachers' diary to each faculty member to maintain daily record of curricular, co-curricular and extracurricular activities.

- **Teaching Methods:**

The curriculum is effectively taught through conventional chalk and board method. Besides, teaching is also done through available ICT facilities, teaching aids, experiments, project works,

educational tours, group discussions. Students are assigned some topics and asked to talk in seminars so as to build self-confidence in them.

Educational tours and field visits are arranged for UG and PG students as a part of curriculum.

- **Tests and Tutorials:**

The continuous internal assessment as per the Savitribai Phule Pune University norms and guidelines, subject wise internal tests and tutorials are conducted in each term.

- **Examination:**

At the end of the first term the college examination committee conducts term end for Arts and Commerce UG Courses and internal examination for Science courses.

University Practical and oral examinations of the respective subjects are conducted at the end of the year as per the schedule.

University theory examinations are conducted at the end of the semester for B.Sc. M.Sc. and M.Com and at the end of the year for B.A. and B.Com.

Examination for Certificate and Skill Development Courses is conducted by College

- **Feedback:**

The regular feedback on curriculum is taken from staff by HoD in their departmental meeting.

Feedback from the regular students is obtained through questionnaire and suggestions of stakeholders on curriculum and other related activities of college are collected and considered for effective implementation.

Principal and HoDs take feedback orally from the students.

- **Follow up:**

Departmental performance review is conducted by all the members of the departments and preventive and/or corrective measures are initiated for continuous improvement and also the review is made by the principal along with respective Head of department.

Key Indicator- 2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed on website and communicated to teachers and students

The college uploads stated information of all the courses and programs and their outcomes on college website.

The real test of the extent in which teaching learning has been effective is reflected by the student performance in the examinations. Student performance is seen as the realization of learning outcomes which are specifications of what a student should be capable of doing on successful completion of a course and program.

Curriculum is designed in such a way that desired outcome of the learning process in terms of skill development, up-gradation of knowledge and placement is attained to satisfaction. Hence all the stated Learning Outcomes are the part of evaluation procedure. IQAC of the college analyses the outcomes of the programs. IQAC has conducted workshop on advances in research methodology in higher education in January 2016 in which the learning outcomes was also discussed.

The outcomes are communicated by the institution to students

- By principal and teachers at the beginning of the every term.
- By display either on notice board or by HoD of the department.
- By uploading on the college website.
- By felicitating the outstanding students in presence of teachers and students.

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

After the declaration of the examination and other activities results, they are analyzed to know the number of students passed in distinction, first class and awards and passing percentage. The analyzed report is discussed in the departmental meeting by HoD, in the staff meeting by Principal. This report is also sent to the Education Society for its perusal.

The outcome of the regular academic programs is seen in the selection of students in campus interviews organized by the institution and also at the sister institution. A round 75-80% of the M.Sc. Chemistry students have been placed in various chemical and pharmaceutical companies every year either through on campus or off campus interviews. The students completing their UG courses progress by enrolling to Post graduate courses. The Skill Oriented Courses and Certificate Courses enabled students in achieving the skills in respective courses. The Certificate Course in English Proficiency improved to some extent the communication skills of the students, Agricultural Retail Marketing enabled them to determine the cost in market, Data Entry helped student to know how to collect and analyze, The College organizes the Bridge

Courses which helps student to cope up with the next level of education. The remedial courses improved the errors of the learners and made them more efficient in the concerned subject.

Most of the students are from agriculture background and they have their own farms where they can get opportunities of self-employment in agriculture or allied sectors. The program outcome information is obtained from students either oral or written feedback.

2.6.3 Average pass percentage of students

Answer: 70.21

Key Indicator- 2.7 Student Satisfaction survey

2.7.1 Online Student Satisfaction survey with regard to teaching learning process

(Database of all currently enrolled students need to be prepared and shared with NAAC along with the online submission of QIF)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

Key Indicator - 3.1 Resource Mobilizations for Research

3.1.1 Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years

Dr. Anil Kurhe from Department of Zoology received the Erasmus Mundus Fellowship for one month under Research Scheme to exchange the new and innovative ideas in research during the academic year 2015-16 in Polytechnic University of Valencia, Spain under Namaste Program. Under his research collaboration, institute has submitted a proposal to get research grants of one crore from international funding agencies Horizon 2020 of European group.

- **Percentage of teachers recognized as research guides at present**

Answer: 10.25 %

- **Average number of research projects per teacher funded by government and non-government agencies during the last five years**

Answer: 0.43

Key Indicator - 3.2 Innovation Ecosystems

3.2.1 Institution has created an eco- system for innovations including Incubation centre and other initiatives for creation and transfer of knowledge.

VERMICOMPOSTING INCUBATION CENTER

The idea of having an incubation center for innovations was discussed in the staff meeting in 2013. The discussion of the meeting was communicated to management for suggestions and guidance. The management was kind enough to approve our idea and suggested to produce bio-fertilizer from the plant waste and garbage on college campus.

Accordingly, two Vermi-composting beds were developed in college premises near botanical garden by Department of zoology. The size of the vermi-bed is 8x4x3m. The organism used in the process is *Eisenia foetida* obtained from Krishi Vigyan Kendra, Babhaleshwar and multiplied to develop sufficient inoculums. Every week about half a tone biomass is collected and used for Vermin-composting. The duration for composting is 3-4 months and about 1-2 tonnes of compost produced are used for plants in college campus. This unit is helping in recycling of bio-waste. Two workshops in two years were conducted in which the knowledge of Vermi-composting

and techniques were given to farmers. The inoculums is also given free of cost to local students for their own Vermi-composting unit in their farms.

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Answer: 04

Key Indicators - 3.3 Research Publications and Awards

3.3.1:- The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Answer: Yes

Arts, Commerce and Science College Satral

Institution Code of Ethics to check malpractices and plagiarism in Research

The institute has decided to cultivate healthy research culture and not to compromise on malpractices and plagiarism in project and research work. Accordingly, the Research Committee has stated the following code of ethics in 2015-16 to be adhered by the researchers.

- Research activities should be carried out in accordance with the accepted standards.
- Plagiarism is strictly not allowed.
- The thesis, dissertation, technical papers or any other such documents should be verified by the committee for plagiarism if any.
- For all other non-core cases, plagiarism would be quantified into following levels
 - i. Similarities upto10%.-excluded
 - ii.Above10%-suggest for revision of work
- Every supervisor/ guide shall submit a certificate stating that the work done by the researcher under him/her is plagiarism free.
- Researchers should cite all references and sources of information and data used in research work.
- Every researcher should give an undertaking that the research work is original and unpublished.
- Academic integrity should be ensured in the research work.
- All the sources should be duly acknowledged and credited.
- Research work as far as possible should be useful to the society or common people.

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition / awards

Answer: Yes

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Answer: 1

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Answer: 2.95

3.3.5 Number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings per teacher during the last five years

Answer: 3.43

Key Indicators - 3.4 Extension Activities

3.4.1 Extension activities in the neighborhood community in terms of impact and sensitizing students to social issues and holistic development during the last five years.

The Institute has always been striding to bring an impact on the students and sensitize them to various social issues in the neighborhood community through various activities under NSS, Awareness Rallies and expert lectures and also bring about holistic development. In this aspect, students enrolled in NSS involve themselves in dealing with the social issues throughout the year and more particularly during the specific camp period. The activities carried out by NSS students are noteworthy and appreciable.

Prime activity:

Special Camp Program: Every year the institute has been organizing a Seven Days Special Camp in the month of December in nearby villages. During this period the students are made aware of the significance of personality development, leadership qualities, health awareness and health checkup, blood donation, female feticide, kanyaratna abhiyan, women empowerment, biodiversity conservation, social forestry, energy conservation and use of renewable energy, Swach Bharat Abhiyan, eradication of superstitions, de-addiction, employment opportunities, swawlambi sanjivak sheti, cultural and socio-economic survey etc. and are motivated to involve personally so as to get sensitized to such social issues and find out solutions or ways to overcome or prevent them. During last five years Special Camp has been organized at following places.

2012-13

Place: Hanumantgaon. Date: 16th to 22nd Dec. 2012.

Participants: Boys: 61 Girls: 64 Teachers: 06

2013-14

Place: Rampur. Date: 14th to 20th Dec. 2013.

Participants: Boys: 62 Girls: 63 Teachers: 06

2014-15

Place: Dadh (Kd). Date: 11th to 17th Dec. 2014.

Participants: Boys: 62 Girls: 63 Teachers: 06

2015-16

Place: Anapwadi. Date: 12th to 18th Dec. 2015.

Participants: Boys: 58 Girls: 67 Teacher: 06

2016-17

Place: Tandulner. Date: 10th to 16th Dec. 2016.

Participants: Boys: 67 Girls: 58 Teacher: 06

During the last five years, following activities were conducted

Pravara Krida Mahotsav: On the occasion of Golden Jubilee year of Pravara Rural Education Society, the students participated in Pravara Krida Mahotsav held during 26.12.2014 to 24.01.2015

Self Defence Workshop: Institution has organized Self Defence workshop for girl students under the guidance of Dr. Rohit Tambe

Rally: On 4th Sep. 2016, voter awareness, 6th Oct 2016 Road safety, Gram Swachhata Abhiyan, Blood donation, Tree plantation in month of January 2017.

Mahila Melawa (Mata College Chya-Dari): Interaction between mother parent and staff

Minimarethon.(Fun run for Health). Every year all staff and students participate in mini marthon organized by Pravara Medical Trust in the month of February.

National Mathematics Day: Mathematics Department organized National Mathematic Day on the birth anniversary of mathematician Srinivasa Ramanujanam through poster presentation.

Constitution Day: A rally was organized to bring awareness among common people regarding the constitution and fundamental rights.

Nirbhay Kanya Ahiyan: A lecture by Dr. Laxman Ghayvat on leadership qualities was organized on 7.12.2016.

Padmabhushan Day: On occasion of Padmabhushan day (12 Feb.2017) Street Play was organized on Burning Issues of farmers.

Annual cultural program, sports events and local market survey organized by the Institute which provided platform for the students to show their talent, skills and responsibility leading to holistic personality development as good citizen. In addition, student's welfare wing extends all possible help to the needy students.

3.4.2 Number of awards and recognition received for extension activities from Government /recognized bodies during the last five years

The Institute has received Best College Award of the year 2016-17 Under Student Welfare Department Savitribai Phule Pune University, Pune.

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non - Government Organizations through NSS/NCC/Red cross/YRC etc., during the last five years

Answer: 14

3.4.4 Average percentage of students participating in extension activities with Government Organizations, Non-Government Organizations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc during the last five years.

Answer: 143.44

Key Indicator - 3.5 Collaborations

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Answer: 10

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)

Answer: 03

CRITERIONIV – INFRASTRUCTURE AND LEARNING RESOURCES

Key Indicator – 4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching – learning, viz., classrooms, laboratories, computing equipment, etc.

The institution has the following facilities for conducting teaching –learning process efficiently.

Classrooms: 8 classrooms supported with Wi-Fi or Internet facility.

LCD Facilities: in the departments of English, Geography, Commerce, Zoology, Computer and seminar hall

Laboratories: 12 well equipped laboratories for Chemistry (4), Botany (2), Zoology (1), Physics (1), English (1), Geography (1) and Commerce (1) , Computer Lab (1)

The institution has an independent computer lab with an open access to the students. It is well equipped with 20 desktops in LAN with all the required amenities like printer, scanner, and broadband internet facility with UPS and inverter facility. English Language Lab enhances learning of English language and communication skills through 11 desktops in LAN with Language laboratory software. All the laboratories have adequate equipment for practical.

Department of Chemistry has established a separate laboratory with sophisticated instruments (Atomic Absorption, spectrophotometer, potentiostat, Double beam UV- spectrophotometer etc.) with the grant sanctioned by DST under FIST program.

Library: library has computer, book bank, Web OPAC, reprography facilities. It has Audio Visual and e-library resources. It also provides User Orientation and WI FI facility. The institution has a collection of **15178** books, 28 Journals and periodicals.

Computing Equipment: Students are provided with 53 computers with internet connectivity and LAN. Students use e-resources with the help of 22 computers in Library and various departments. The computer laboratory having 20 computers runs add- on courses like Tally, CCC. English language laboratory provided 11 computers with Internet and LAN connectivity and Acoustic *Engineers* Language laboratory software.

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor, gymnasium, yoga centre etc.,) and cultural activities

Institution encourages the students in sports. Students with outstanding performance in sports are provided with required facilities so that they can perform well at intercollegiate, University and National competitions. It has all the sport equipment necessary to indoor and outdoor games.

Year of Establishment: The Physical Department was established in 1998.

Facilities for sports: Students are provided with the following sports facilities:

Gymnasium (1200 Sq. ft.) with Seven Station Multi-gym.

Indoor games like Chess, Table Tennis, Carom, Weight- Lifting etc. Outdoor games: such as Cricket, Volley Ball, Kho-Kho, Kabbadi, Long Jump, High Jump, Javelin, Shot Put (Men/Women), Discus throw (Men/Women).

Running Track: 400 Meters running Track.

The programs like self defense for girl students, Marshal Art (Judo & Karate), Weight Loose Program, body building program, physical Fitness and Sport Skill test for First year student are conducted by Physical Department.

The specification about area and size are as follows:

Sr.No	Playgrounds	Quantity	Area/Size (meter.)
•	Running Track	1	400
•	Volly ball Ground	2	18.x9
•	Kho-Kho	1	29 x16
•	Kabbaddi Ground	1	13 x10
•	Football Ground	1	100x90
•	Cricket Ground	1	-

User Rate: 130 students use sports and gymnasium facilities per day.

Cultural Activity: Students are actively engaged in Cultural activities. They participate in the competitions such as singing, dancing, one act play, mime, street play, music etc. Every year annual gathering program is organized in a huge multipurpose auditorium and playground. The winners in these activities are rewarded.

4.1.3 Percentage of classrooms and seminar halls with ICT – enabled facilities such as smart class, LMS, etc.

Answer: 100

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years

Answer: 32.2662

Key Indicator – 4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Library has a collection of **15178** books (as on 31.3.2017), and for proper organization of the library material, library has *Vridhhi* software. In addition, the college has purchased ‘KOHA’ Library Software as well which is a cloud hosting on Microsoft azure.

Software is upgraded from time to time through the regular annual maintenance contract. One terminal is reserved for students to search information of availability and issue of Books. Web based Library Software provides OPAC (Online Public Access Catalogue), E-mail & SMS alert. The software works as a single window where the record of the users along with circulation status, fine status, contacts details, reading & circulation history is maintained.

Various types of reports can be generated with the use of above mentioned software like usage report, issue report etc. Books database is created along with users’ database.

Issue and return process is fully automated and manual cards are kept as supporting documents for students and faculty.

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resource for library enrichment

The library has a repository of rare knowledge resources and digital material. The details are as follows:

S. No.	Name of Book	Name of Publisher	Name of Author	Number of Copies	Year of Publishing
1.	Laughter is the best medicine	Readers Digest New York	Readers Digest	01	2014
2.	The Origins of Everyday Things	Readers Digest New York	Readers Digest	01	1998
3.	Family Word Finder	Readers Digest New York	Readers Digest	01	2006
4.	India 2020	Penguin Book	ARJ Karam	01	1998
5.	India Shastra	ALEPH	Shashi Tharoor	01	2001
6.	Semantics	Cambridge	John Lyons	02	2009
7.	Chemo metrics in Analytical	RSC Cambridge	Adams Mike J.	01	2004

	Spectroscopy				
8.	The Critical Response Selected Essays in American Literature	Mark Publishers Jaipur	Bharathi Thummapudi	01	2011
9.	Companion to English Literature	Oxford University Press	Birch Dinah	01	1932
10.	Biochemistry	Elsevier	Satyanarayana V	01	2015

4.2.3 Does the institution have the following?

- e – journals
- e-Shodh Sindhu
- Shodhganga membership
- e-books
- Databases

Options:

- Any 4 of the above
 - **Any 3 of the above**
 - Any 2 of the above
 - Any 1 of the above
 - None of the above
- = Option- B**

4.2.4 Average annual expenditure for purchase of books and journals during the last five years

Answer: ₹ 119827.6 per year

4.2.5 Availability of remote access to e-resources of the library

Answer: Yes

4.2.6 Percentage per day usage of library by teachers and students

Answer: 25

Key Indicator – 4.3 IT Infrastructures

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Upload a description of IT facilities including Wi-Fi with date of updation and nature of updation

The Institution frequently updates its IT facilities and Wi-Fi. The college provided the broadband Internet facilities to various departments. English Language Laboratory is updated with LAN facility in October 2015.

The college has BSNL OFC line with the speed of 24 Mbps. Internet facilities is provided in every administrative and academic department, laboratory and library. The BSNL leased line plan is updated from limited data to unlimited data.

The following IT facilities are installed or updated in the last five years.

S. No.	IT Facilities	Quantity	Date of Installation/Updation
1.	Multitask Programmable Auto bell	01	27.07.2012
2.	CCTV Camera	17	24.11.2014
3.	Generator Set	01	16.12.2014
4.	Acer Computers (Windows 7)	11	16.09.2015
5.	Headphones iball	11	16.09.2015
6.	D- Link 24 port switch	01	08.10.2015
7.	English Language Laboratory Software (Acoustic Engineers Pune)	01	09.10.2015
8.	Wi-Fi Modem (Router Digital HR 3400 with Wi-Fi)	04	13.10.2015
9.	Computer and Monitor Lenovo Think Centre	03	24.03.2016
10.	LCD Projectors (Sony Make)	02	01.03.2017
11.	Colour Printer (Epson)	01	27.02.2017
12.	LCD Projector Screen	02	27.02.2017
13.	Video Recorder	01	28.12.2017
14.	LCD Projector Screen	02	28.12.2017
15.	Printer (All in One)	01	28.12.2017

4.3.2 Student - Computer ratio

Answer: 1:15

4.3.3 Available bandwidth of internet connection in the Institution

Options:

- ≥ 50 MBPS
- 35-50 MBPS
- **20-35 MBPS**
- 5-20 MBPS

Option- C

4.3.4 Facilities for e-content development such as Media centre, recording facility, Lecture Capturing System (LCS) Yes/No

Answer: Yes

Key Indicator – 4.4 Maintenance of Campus Infrastructure

4.4.1 Average expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Answer: 69.94

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities laboratory, library, sports complex, computers, classrooms etc.

The institution has standard procedure for maintenance and optimal use of infrastructure. There is a provision of allocating budget for the maintenance of physical, academic and support facilities. Separate budget is allocated for Under-Graduate and Post Graduate programs. A separate committee from Pravara Rural Education Society regularly takes the stock of physical facilities and academic support facilities and accordingly budget is allocated for various purposes such as Internet fees, laboratory expenses, educational tours, organizing various college related programs and seminars, college magazine, electrical charges, repairs and maintenance of garden, buildings, electricity, water supplying system, furniture, sanitation etc.

The Institution plans and ensures the optimal use of available infrastructural facilities in 8 classrooms and 12 Laboratories, Library, Playground and Gymnasium. Some laboratories are optimally used in two shifts according to time table from 8A.M. to 5 P.M. Library is kept open from 8.30 am to 5.30 p.m. during working days whereas during examination period, library time is extended up to 6.00 p.m. Virtual Learning Center is made available for students and villagers as per the schedule.

Gymnasium and college ground facility is also used by local people for sports, morning and evening walk and yoga activities.

Thus, the institution utilizes its infrastructure optimally.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

Key Indicator – 5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Answer: 73.93

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Answer: 4.34

5.1.3 Number of capability enhancement and development schemes

- Guidance for competitive examinations,
- Career Counseling,
- Soft skill development,
- Remedial coaching,
- Language lab,
- Bridge courses
- Yoga and Meditation
- Personal Counseling

Options: **A. 7 or more of the above**

5.1.4 Average percentage of students benefited by guidance for competitive examinations and career counseling offered by the institution during the last five years

Answer: 11.40

5.1.5 Average percentage of students benefitted by Vocational Education and Training (VET) during the last five years

Answer: 88.20

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Answer: Yes

Key Indicator – 5.2 Student Progressions

5.2.1 Average percentage of placement of outgoing students during the last five years

Answer: 33.16

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Answer: Previous Year = 20.9

5.2.3 Average percentage of students qualifying in state/ national/ international level examinations during the last five years

(eg: NET/SLET/GATE/GMAT/CAT/ GRE/TOEFL/Civil Services/State government examinations)

Answer: 1.19

Key Indicator – 5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) during the last five years

Answer: 07

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

The college has the following student council which is a statutory body constituted every year in the institution as per University Act. This council is constituted after receiving the notification from the University.

S. No.	Member
1.	Principal
2.	One faculty nominated by Principal
3.	N.C.C. Officer
4.	One N.S.S. Program Officer
5.	Director, Physical Education
6.	All Class Representatives and students nominated from Sports, N.C.C., N.S.S. and Cultural Association.
7.	Two women representatives from reserved categories nominated by Principal
8.	University representative elected from among those mentioned in column no. 6 and 7.

The student council conducts and monitors following activities throughout the year.

- Teachers' day
- Participation in inter collegiate activities

- Annual gathering
- Well-come and Farewell function
- Food festival
- Sports activity
- Commerce festival
- Science exhibition
- Poster presentation on social and environmental issues
- Celebrating birth and death anniversaries of important National personalities

The student council conducts meeting regularly for the smooth functioning of college and note student issues. The institution has various academic and administrative bodies in which the student representatives are the members. The following bodies have the student's representation:

- Student Council
- Gymkhana Committee
- NSS Advisory Committee
- Earn and Learn Committee
- Science Association
- Commerce Association
- Literary Association
- Alumni Association
- Cultural Committee
- Tours and Excursion Committee
- Magazine Committee
- Library Advisory Committee
- Canteen Committee
- Women Empowerment Cell
- Prevention of Sexual Harassment Cell
- Anti-Ragging Committee
- Biodiversity Club
- IQAC
- Dr. Abdul Kalam Ignited Group

IQAC conducts meeting with student council in every term to take feedback on the college and infrastructural facilities.

5.3.3 Average number of sports and cultural activities / competitions organized at the institution level per year.

Answer: 15

Key Indicator – 5.4 Alumni Engagement

5.4.1. The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Alumni Association is one of the important wings involved in the growth and development of the Institution. It provides a platform to the stakeholders of institution to connect with alumni across the world working in various sectors. The association was registered on 14th August 2012 under the Societies Registration Act, 1860: 21 (Registration Number (Maha /207/2012/Ahmednagar). The alumni association provides assistance to existing students and faculties to reciprocate between Industry and institution. Approximately we have 1033 alumni, who are representing our college globally.

- The alumni provide food grains, vegetables, cooking oil and other cooking material for students during weeklong special NSS camp every year.
 - The alumni provide material during campaigns and rallies organized by the institution for social awareness.
 - It contributed scientific, innovative, mind igniting and motivational books to the Kalam library established in college.
 - Alumni delivered lectures on their experiential success stories to motivate the students.
 - It provides expertise for the vocational education training program.
 - Students willingly surrender the laboratory or library deposits to the development of college.
 - Organize alumni meets for better exchange of views and guidelines for the growth of Institution.
 - It provides information and guidance regarding the placement opportunities and also helps the students in getting jobs`.
 - **Alumni contribution during the last five years**
Answer: Nil
- Options:**
- ≥ 5 Lakhs
 - 4 Lakhs - 5 Lakhs
 - 3 Lakhs - 4 Lakhs
 - 1 Lakh
 - <1 L- 3 Lakhs akh

5.4.3 Number of Alumni Association /Chapters meetings held during the last five years

Answer: 10

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

Key Indicator - 6.1 Institutional Vision and Leadership

6.1.1- The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution.

The leadership in the college encourages the participation of the staff in the process of decision-making in the meetings for the institutional functioning. The Principal of the college is constantly engaged in meetings with the other bodies of higher education such as Joint Director of Higher Education, Government of Maharashtra, the University Authorities, the UGC, the Top Management, and Social Organizations etc. The leadership in the Pravara Rural Education Society (top management) is very dynamic and always with the new ideas and plans running with the time which are implemented in the college through action-plans and the stated vision is realized in terms of output at the end of the year. The management constitutes different committees which work according to the vision and mission of the Institution. The leadership regularly analyses the activities in the light of the goals and objectives of the college to the satisfaction of stakeholders and the community at large. The policy statements are channelized through guidance, instructions and feedback. The management through constant vigilance analyses the functioning and growth and development of the college in the interest of beneficiaries.



The precise and artistic emblem of the college symbolizes the philosophy and objectives of our college.

Lit the Light Within which means “One should raise oneself with the help of self.” It means that the soul only can uplift itself. There is no external agency which can help the soul in its liberation. Man can, with his spiritual efforts, transcend the senses, the mind, the intellect and the vital. Just as no one can help the soul except himself, we want the students to realize that they only can bring about their intellectual, physical, cultural and finally spiritual development. They should not depend upon anyone else for such development. Such strong students will contribute building civilized and

strong nation. The book in logo symbolizes the support of knowledge represents **Arts faculty**. The transaction symbolizes the **Commerce faculty**. The rocket and the burette stand for the **Science faculty**, Computer symbolizes new emerging technology and Sugarcane symbolizes the clean, healthy, pollution free, and eco-friendly atmosphere in college.

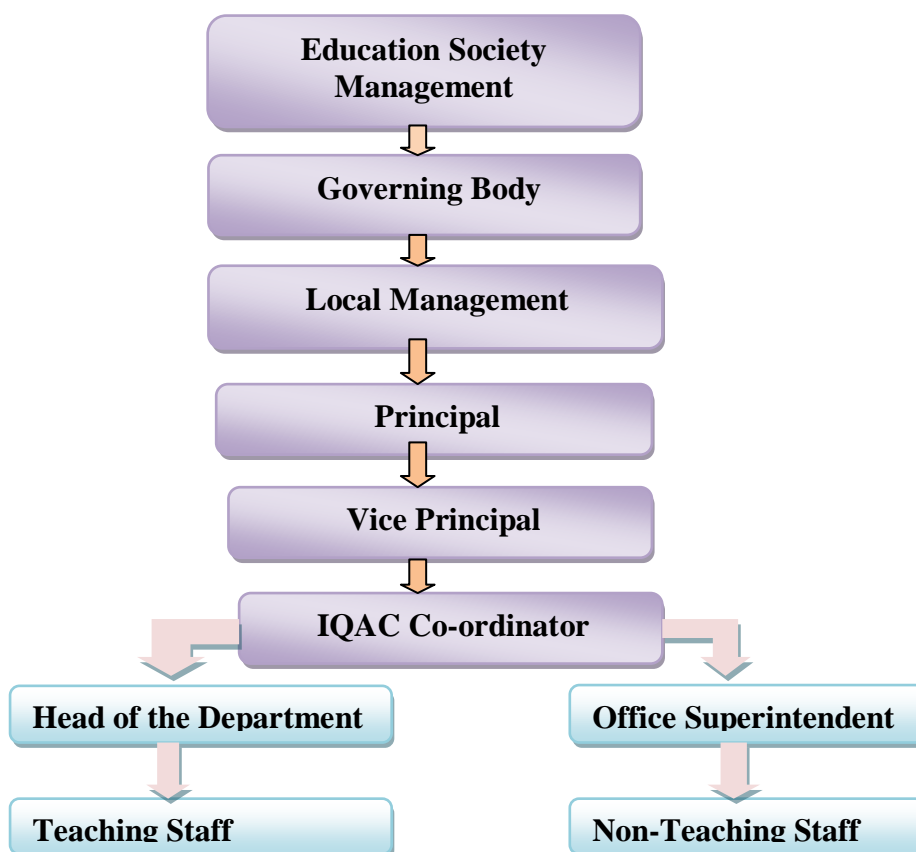
Vision: “Providing quality education in emerging fields to produce knowledgeable and cultured human resource, contributing to the process of national development”.

Mission: Upliftment of rural masses through appropriate education, to empower the socially, economically and educationally marginalized sections of the rural society of the region and to augment a new generation of students for contributing to the future knowledge economy.

Mission Statement: “Lit the Light Within”

Vision & Mission statement is communicated through: The prospectus, Website, through display boards at prominent and accessible places in the college premises, annual college magazine ‘Panchkroshi’, meetings of students, parents, alumni, LMC and General Body.

6.1.2 The institution practices decentralization and participative management A Case Study Showing Practicing Decentralization and Participative Management in the Institution:



MANAGEMENT BOARD

S. No.	Management of PRES	Designation
1.	Hon'ble Shri. Radhakrishna Eknathrao Vikhe Patil , Leader of Opposition , Legislative Assembly, Maharashtra State	Chairman
2.	Hon'ble Shri. Dr. Rajendra Eknathrao Vikhe Patil	Member
3.	Hon'ble Shri. Annasaheb Sarangdhar Mhaske Patil	Member
4.	Hon'ble Shri. Bhagavantrao /Aabasaheb Ganpatrao Kharde	Member
5.	Hon'ble Shri. Annasaheb/Savleram Gabagi Bhosale Patil	Member
6.	Hon'ble Shri. Bansi Balu Tambe	Member
7.	Hon . Shri Dnyandev Laxmanrao Maske	Member
8.	Hon'ble Shri. Bhagvatrao Bapuji Gholap	Member
9.	Hon'ble Shri. Kachru patilba Aher Patil	Member
10.	Hon'ble Advocate. Appasaheb Karbhari Dighe	Member
11.	Hon'ble Shri. Kishorkumar shrikisan Navandhar	Member
12.	Hon'ble Dr. Bhaskrrao Nivrutti Kharde	Member
13.	Hon'ble Shri. Sangev Shankarrao Joshi	Member
14.	Hon'ble Shri. Dattatray Marutrao Shirsath Patil	Member
15.	Hon'ble Shri. Chand Masthan Patel (death -12/10/2017)	Member
16.	Hon'ble Sau. Uama Vijayrao Gune	Member
17.	Hon'ble Shri. Bhart Vasantrao Ghogare Patil	Joint Secretary

LOCAL MANAGEMENT COMMITTEE

S. No.	Local Management Committee member	Designation
1.	Hon'ble Shri. Radhakrishna Eknathrao Vikhe Patil , Leader of Opposition, Legislative Assembly, Maharashtra State. Trustee, PRES.	Chairman
2.	Hon'ble Shri. Dr. Rajendra Eknathrao Vikhe Patil	Member
3.	Hon'ble Advocate. Appasaheb Karbhari Dighe	Member
4.	Hon'ble Shri. Sopanrao Paraji Dighe Patil	Member
5.	Hon'ble Shri. Bhart Vasantrao Ghogare Patil, Secretary PRES.	Member
6.	Hon'ble Dr. Haribhau Ramrao Aher Educational Director PRES.	Member
7.	Hon'ble Dr. Ram Shivaji Tambe Teacher Representative	Member
8.	Hon'ble Prof. Jayshri Ramrao Singar Teacher Representative	Member
9.	Hon'ble Shri. Mahendra Shivaji Tambe Non-Teaching Representative	Member
10.	Hon'ble Dr. Sopan Narayan Shingote I/C Principal	Secretary

- The college delegates authority and provides operational autonomy in all areas of academic performance, decision taking and implementation of plans and polices in curricular programmes.

- The Principal provides freedom to departments, librarian, and college office, various curricular committees and students' council.
- The Principal permits the HODs and staff members in performing freely in the academic activities and administrative programmes such as departmental activities, allotment of workload, various academic committee programmes, association and conducting departmental test, teaching and learning process and evaluation regularly.
- The college provides autonomy to organize competition, guest lecture, seminars, conferences, workshop, and faculty development programmes by inviting external experts and resource persons also gives autonomy in organizing and participating intercollegiate competitions and to plan budget for activities of associations.
- The HODs of the department perform the academic programmes with coordination and support of faculty members and student representatives.
- The departments decide the requirements for whole academic year like equipments, books and infrastructural facilities.
- Placement officer freely conducts training and counseling for job opportunities and invite the experts and resource persons for placement interview.
- The college promotes participative management. The participative management consists of President, Secretary, Treasurer and members of the college committee, the Principal, Vice Principal, HODs of departments, teaching and non teaching staff members, students' council, office bearers, class representatives and members of academic council.
-

Key Indicator - 6.2-Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and deployment documents are available in the Institution

The IQAC takes the cognizance of the feedback from various levels. Based on the needs and demands, prepares plans for the growth and smooth functioning of college. The committee submitted plans for introduction of new courses and skill oriented courses, constructing separate parking sheds for girls and boys and parking place for four wheeler vehicles, facilities for sports activities, development of running track, reading room in library and establishment of new research laboratory.

The Institution has planned to promote research activities by creating facilities in Science Stream. This plan was communicated to the management for discussion and approval. The

management agreed to establish a research laboratory in chemistry since M. Sc. Analytical Chemistry is offered in the college. The management also suggested getting grants from the funding agencies for this purpose. Accordingly, a proposal outlining the plan and need of the planned research laboratory was submitted to DST in the year 2013-14.

The DST sanctioned our proposal and provided grant amount of Rs.39.00 lakhs under FIST program. In addition UGC also sanctioned our proposal with a grant amount of Rs. 10.00 lakhs for procuring Basic Scientific Requirements in the laboratories. Using the grant amount, sophisticated instruments like Hydride generator Atomic Absorption Spectrophotometer, Double Beam Ultra Violet Spectrophotometer, Potentiostat, Icematic etc. and seven computers with printer and books were purchased and kept in the research laboratory. The facilities in the research laboratory are used by the UG and PG students and also staff for regular practical, project or research work.

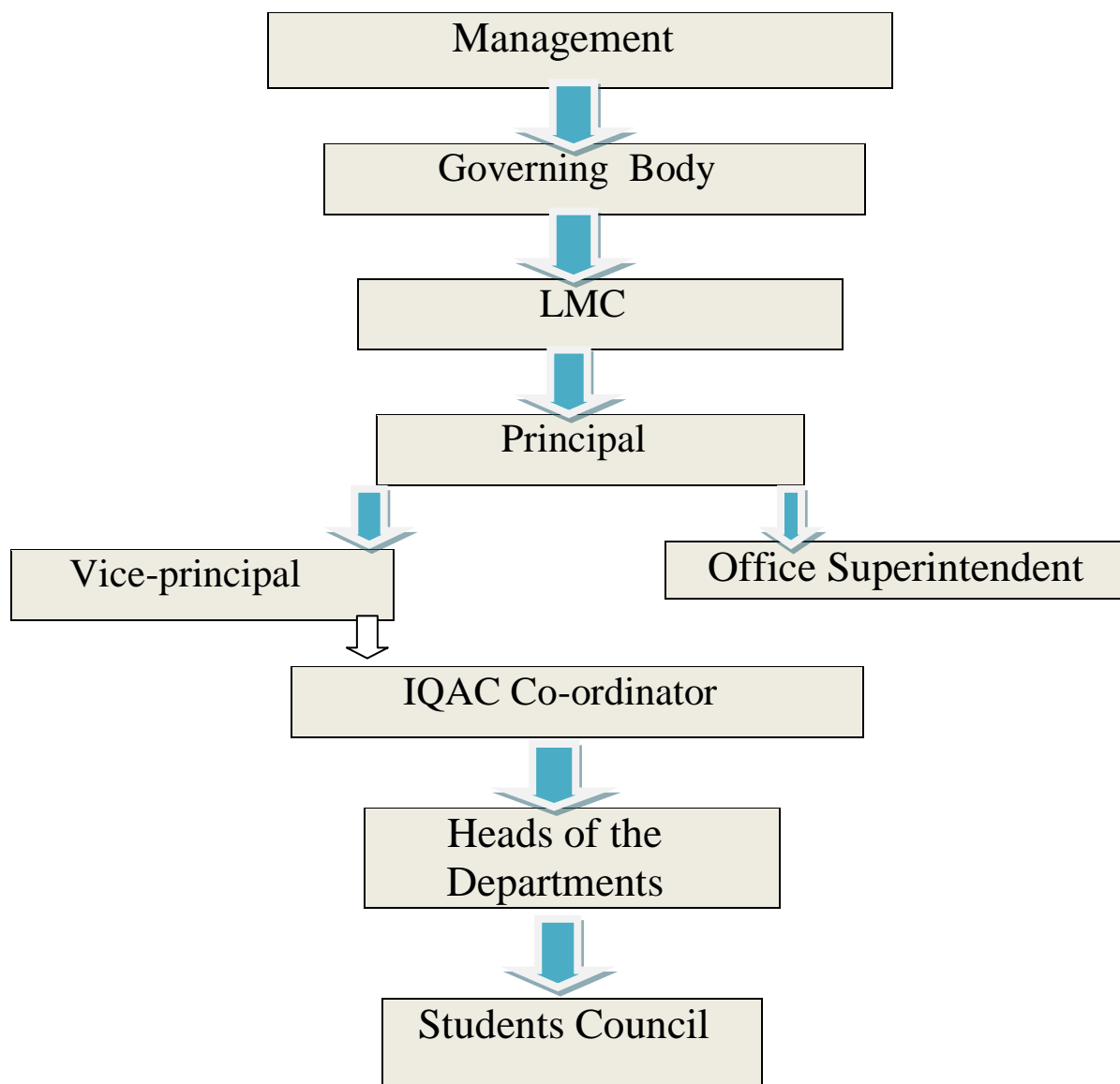
Due to the availability of facilities, the UG and PG students are able to carry out their project work which is part of curriculum and the staff members could under take research work and publish research findings. So far, two students completed Ph. D course, one student M. Phil course, two staff members completed minor research project work. A number of research papers have been published in the National and International journals.

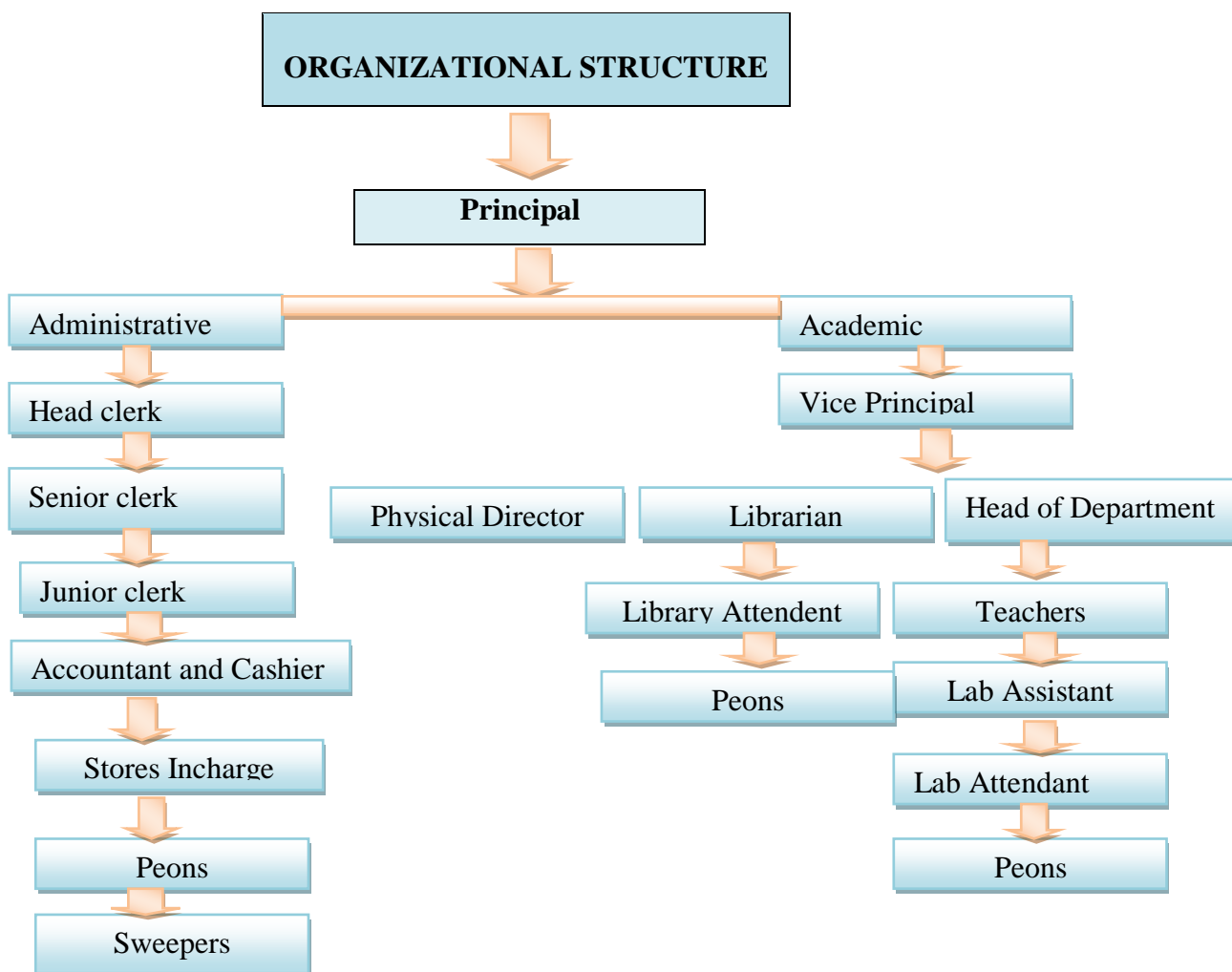
PROSPECTIVE /STRATEGIC PLAN OF THE INSTITUTION



6.2.2.1 Organizational structure of the Institution including governing body, administrative Setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism.

The college has internal organizational structure, co-ordination and harmony for imparting higher education with qualitative standards. This internal structure consists of administrative authorities- the Principal, Vice Principal, Office Superintendent, Heads of all the Departments





- The administrative body takes decision and plan for all academic and administrative activities with the coordination of the principal, Vice principal, HODs and staff for the whole academic year. The governing council decides all the development activities of the college, introduction of new academic programmes, taking policy decision and faculty recruitment.
- The staff academic council is responsible for academic matters, framing academic programmes, policy approval, courses and time allotment to staff, scheme of examination, unit test and rules and regulations for conducting exam and evaluation.
- Members participate in decision making process, giving counseling to students and analyzing feedback mechanism. The IQAC with Principal as chairperson is responsible for quality enhancement, quality sustenance in all academic activities and propose recommendations for educational services in academic and administration for further extension.

- The college has established student grievances redressal cell comprising four senior staff of various departments. The cell meets and interacts with students regularly.
- Students are asked to come to cell and represent their personal, professional and academic grievances freely and frankly.
- Grievances of students related to academic performance, infrastructure, laboratories, library requirements, transportations, health, water supply, teaching learning process, and programmes for slow learners, for arrear students, games, curricular and extra- curricular activities and other personal grievances are represented to redressal cell by students. The Grievances redressal cell takes action to redress the grievances represented by the students immediately and effectively.
- A suggestion box is also installed in the campus to put letters of grievances.

Service rules, Recruitment, Promotional policies and Procedures: In accordance with UGC, Government of Maharashtra, Savitribai Phule Pune University and Pravara Rural Education Society.

❖ **Grievance Redressal Mechanism:** The grievances of the students and staff are addressed through a Grievance Redressal cell in the college. The complaints are received either personally or through complaint boxes installed in the college. The complaints are scrutinized and as far as possible redressed at the college level. If the individual is not satisfied with the redressal, he/she is free to approach top management.

❖ **The Details of Academic and Administrative Bodies of the Institution**

❖ **Function of Academic and Administrative Bodies of the Institution:**

Governing body	<ul style="list-style-type: none"> • Plan for providing and augmenting educational facilities, review and provision of budget, development of infrastructural facilities.
Local Management Committee	<ul style="list-style-type: none"> • To give advice on College functioning, maintenance, quality improvement and act as local guardian of the college.
Anti-ragging Committee	<ul style="list-style-type: none"> • To make preventive action plans and create awareness about ragging as a social evil and repercussions thereafter.
Academic Committee	<ul style="list-style-type: none"> • Plan and monitor teaching, learning and evaluation process
Staff Academy	<ul style="list-style-type: none"> • To arrange lectures on various topics for enriching the staff
Students council	<ul style="list-style-type: none"> • Involvement in various college activities and also for holistic development
Library Advisory	<ul style="list-style-type: none"> • Advice about up gradation of resources , annual

Committee	budget and verification of the stock
Examination Committee	<ul style="list-style-type: none"> • Conduct and monitor examination process
Research Committee	<ul style="list-style-type: none"> • Coordinate research activities
Science Association	<ul style="list-style-type: none"> • Cultivate scientific temperaments through lectures, exhibitions, poster presentations etc.
Commerce Association	<ul style="list-style-type: none"> • Organize food festival, poster presentation, seminar on current commercial issues etc.
Grievance Redressal Cell	<ul style="list-style-type: none"> • Collect and redress the grievances.
Admission Committee	<ul style="list-style-type: none"> • Counseling students and providing admissions.
Women Empowerment Cell	<ul style="list-style-type: none"> • Organize and conduct programs related to women empowerment
Gymkhana Committee	<ul style="list-style-type: none"> • Planning, executing and monitoring sports activities
Magazine Committee	<ul style="list-style-type: none"> • Publish articles written by students and reports by various committee chairmen.
Sexual Harassment Prevention Cell	<ul style="list-style-type: none"> • Create awareness against sexual harassment and repercussions thereafter.
Career Guidance and Competitive Exam Guidance	<ul style="list-style-type: none"> • Counsel, motivate, inform about career and competitive examinations and display schedule of examinations.
Placement Cell	<ul style="list-style-type: none"> • Counsel and arrange on and off campus interviews for the students.
Alumni Association	<ul style="list-style-type: none"> • Interact with alumni through Alumni meet
OBC Cell	Ensuring proper implementation of reservation policy in the College
SC and ST Committee	<ul style="list-style-type: none"> • Ensuring proper implementation of reservation policy in the College
Minority Cell	Support and solve issues relating to the <i>minorities</i> .
Internal Compliance Committee	<ul style="list-style-type: none"> • Collect and resolve complaints from the staff and students.
Feedback committee	<ul style="list-style-type: none"> • Collect and analyze feedback from stakeholders and submit the report for necessary action
IQAC	To ensure the quality in teaching, learning and evaluation process. To make plans for further development and supervise college activities
NAAC Steering Committee	<ul style="list-style-type: none"> • To collect and process the data for inclusion in Self Study Report and to assist the NAAC Peer Team during their visit.

6.2.3 Implementation of e-governance in areas of operation.

Answer: Yes

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions.

The college has academic and non academic bodies or committees headed by chairmen and assisted by members. These committees discuss on various issues in the meetings chaired by the Principal or Head of the Department. The resolutions of the meetings are noted and submitted to the higher authorities for implementation.

The Internal Quality Assurance Cell (IQAC) of college plays vital role to initiate, plan and supervise various activities that ensure quality standards in teaching, learning and evaluation process. IQAC resolved to purchase instruments for the purpose of teaching and learning based on ICT tools. Accordingly the IQAC planned and submitted a proposal with approximate budget requirement to the management. It agreed and purchased the ICT equipment (LCD projectors, computers, CCTV, LED TV, Handy Cam, Wi-Fi modem etc.) which are installed in department of English, Chemistry, Physics and IQAC Cell etc. It has brought about effective change in teaching learning process and has added an element of interest in learning. It has also worked as a time saving method for teacher as they could spare time for giving more knowledge in the subject. Also, students showed improvement in their independent learning with the use of Internet.

Key indicator -6.3-Faculty empowerment strategies

6.3.1 The institution has effective welfare measures for teaching and non-teaching Staff.

The institution has effective Welfare schemes available for teaching and non-teaching staff.

- Home loans up to 7 to 12 lakh available at Pravara Patsanstha.
- Gratuity as per government norms
- Group medical Insurance of each employee with family cover.
- Teachers are granted T.A./ D.A. and registration fee for attending Seminars / Conferences / Workshops / Symposium as per norms laid down by Joint Director, Higher Education. Basic laboratories and library facilities are provided for research work.
- Teachers are relieved for paper setting, central assessment program and for working in various committees if they are appointed by the University.
- Internet facility has been provided to all departments in the institution.
- Health awareness camp for stress management of teaching and non teaching staff.

- Provision of canteen in campus.
- Educational loan for higher studies in deserving cases.
- Vehicle loan.
- Home loan.
- Grants of 10,000/- for marriage for the teaching and non teaching staff.
- Emergency advance provided.
- Employment to the dependents of the deceased employee on compassionate grounds.
- Waiving of the outstanding loan amount by the Pravara Rural Employees Co-operative Credit Society in case of demise of the employee.
- Provident fund scheme
- Emergency loan up to 40,000/-
- LIC Insurance
- Medical leave
- Earned leave
- Special Casual leave

6.3.2 Average percentage of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the last five years.

Answer: 15.89 %

6.3.3 Average number of professional development/ administrative training programs organized by the institution for teaching & non teaching staff during the last 5 years.

Answer: 2.6 %

6.3.4 Average percentage of teacher attending professional development, program-Viz. Orientation /Refresher/Short term/FDP programs during last five years.

Answer: 22.56 %

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching Staff.

The Institution has performance appraisal system monitored by IQAC committee. Every teacher is provided with a daily teaching diary and performance appraisal form. The teaching diary is checked by the head of department towards month end. In every term teachers are asked to submit the details in performance appraisal form prescribed by UGC. The self appraisal score given by individual

teacher is verified by the IQAC chairman. The strengths and weaknesses that are reflected in the performance appraisal form is brought to the notice of concerned teacher with an advice to make improvements in the weak areas. This API score is mandatory for promotion through the Career Advancement Scheme (CAS) the teachers.

The performance appraisal of the non-teaching staff is done by the committee consisting of the Principal, Vice-Principal, Heads of the Departments, Office Superintendent. Performance of the Non-teaching staff is communicated to the management through confidential reports.

Head of the Department prepares confidential reports of the teaching and non-teaching staff while Principal prepares such reports that of all HODs.

The satisfactory or unsatisfactory performance of the staff member is first discussed with Local management Committee and then as per their suggestions necessary action is taken at the college level or communicated to the management for further necessary action.

Key Indicator – 6.4 = Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly.

The college has internal and external audit system. The internal audit is done every year by the registered Chartered Accountant appointed by the Pravara Rural Education Society (Head Office) while the external audit is carried out by Joint Director of Higher Education and Account General Mumbai. Objections in the audit report are complied as per the discussions and suggestions of the management and Chartered accountant.

S. No	Financial Year	Date of Audit
1.	2012-13	25/06/2013
2.	2013-14	26/06/2014
3.	2014-15	08/07/2015
4.	2015-16	25/06/2016
5.	2016-17	22/08/2017

6.4.2 Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion.III)

Answer: Yes

6.4.3 Institutional strategies for mobilization of funds and the optimal utilization of Resources.

The information on funds received from various sources is discussed with the management for evolving strategies for mobilization of funds and optimal utilization of resources. The funds are used under the head for which they are sanctioned. If needed, the funds are transferred from one head to the other based on the suggestions made by the management. The requirements submitted by the heads of the departments are scrutinized, priorities are identified and pooled together with budget estimation and submitted to the Pravara Rural Education Society. After discussions in the management committee necessary steps like calling for quotations and placing purchase orders, are taken by the education society. Grants received from BSR UGC Rs.10.00 lakh has been utilized for developing infrastructure for new chemistry laboratory and DST-FIST program of Rs.32.50 lakh has been utilized for purchasing sophisticated instruments like Atomic Absorption Spectrophotometer, Potentiostat, etc. Grants received under quality improvement program from SP Pune University has been utilized for construction of parking shades for boys and girls student and also purchasing equipments like LCD projectors, colour printers, computers etc.

Grants from major, minor research project has been utilized for enhancing research areas and from seminar, workshop, and conference for up gradation of knowledge.

Key Indicator - 6.5 Internal Quality Assurance Systems

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell has planned the strategies to ensure that the quality of teaching-learning and administrative work is sustained. Some of the strategies developed by IQAC are: yearly Audit of Academic and Administrative works, obtaining yearly feedback from various levels, daily recording of the teaching periods in the register, monthly review of the academic work instead of term end review by head of the departments, ensuring that no theory and practical class

goes off, adding at least five new standard reference books and required text books to the library, up-gradation of the sports facilities every year, constitution of internal squad to avoid malpractices in the examination, to organize at least two knowledge enriching seminars/workshops, providing ICT facilities to the students, introduction of Skill Oriented Courses and continuation of Bridge and Remedial Courses.

➤ **Academic and Administrative Audit:**

The staff is asked to furnish information of their daily work in the prescribed format developed by IQAC and also in teaching diaries which is audited once in a year by the IQAC. The audit report highlighting shortcomings, strengths and weaknesses, areas for improvement etc is submitted to the Principal. The Principal then brings the contents of the report to the notice of concerned staff member and counsel him/her for better performance. However, the strengths in the report do not go unacknowledged and unappreciated.

➤ **Constitution of Internal Squad:**

The institution has constituted an Internal Squad consisting of Vice-Principal, four staff members out of which two are female. During the examination period, the squad enters in examination halls and physically checks for any objectionable or copying material with the students and seizes them. It also ensures that all the examinations are conducted without any malpractices or other undesirable methods. If any student is detected indulging in malpractice, the internal squad can expel the student from the examination hall for the particular day.

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms.

The institution has academic council in which Principal, Vice- Principal, heads of the departments and IQAC coordinator are the members for policy plans and effective implementation of teaching-learning process. The members of academic council observe the lectures of the staff members occasionally and give suggestions to them for improvement in their teaching methods and techniques. Teaching learning process is monitored through teaching diary maintained by the subject teacher and assessed by the head of the department. The assignments and tests are assessed in a stipulated time and record of marks is maintained. This helps in evaluating the academic progress of the students. Daily attendance of the students is maintained and irregular students are counseled first and then brought to the notice of the parents. After the declaration of the

examination results, they are analyzed and the report is submitted to the Principal and explanation for the poor performance of the students in a particular subject is sought from the concerned teacher. The academic council evaluates teaching-learning process through feedback mechanism.

➤ **Teaching Diary:**

The institution has provided Teaching Diary to staff members and asked them to write the teaching plan and record the daily curricular, co-curricular and extra-curricular work, tests and tutorials to be conducted, leave record etc. This diary is checked by the Head of the Department at the weekend. Teaching diary is helping us to plan for the completion of the syllabus in time and they are extremely useful for planning future activities.

➤ **Feedback Mechanism:**

The feedback obtained from students, Alumni, Faculty and Parents is analyzed by the IQAC to assess the SWOT in the system. IQAC collects feedback from the students through well designed questionnaire, Members of the LMC, Parent's Meet, Alumni Meet. The suggestions or needs and demands given in the feedback are analyzed and sent to the higher authorities for further actions.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Answer: 1.2

6.5.4 Quality assurance initiatives of the institution include

Answer: B. Any 3 of the above

Quality initiatives

- AQARs prepared/submitted
- Academic administrative audit(AAA) and initiation of follow up action
- NBA or any other certification received (best College award by SPPU and Green Audit)

**6.5.5 Incremental improvements made during the preceding five years (in case of first cycle)
Post accreditation quality initiatives (second and subsequent cycle)**

For second accreditation cycle, college made following quality initiatives during the last five years:

Online admissions: The institution initiated online admissions from the academic year 2014-15.

It helps to maintain the record of enrolled students.

- Up-gradation of e-governance: The institution started online filling of the exam forms from the students and downloading of examination question papers from university.
- Purchase of equipments for ICT based learning: The institution increased number of computers and LCD projectors.
- Research Laboratory: Research laboratory was established in chemistry department and there was purchase of sophisticated science equipments.
- Enrichment of library: The college library installed the new software (KHOA) in library and increased number of books, reference books, articles as well as e-resources such as e-books, e-journals etc.
- CCTV surveillance: The institution installed 17 CCTV surveillance cameras in the college campus.
- AAA (Academic and Administrative Audit): The Academic and Administrative Audit as a quality enhancement initiative can be claimed as one of the best practices that have been institutionalized.

CRITERIONVII – INSTITUTIONAL VALUES AND BEST PRACTICES

Key Indicators-7.1 Institutional Values and Social Responsibilities

7.1.1 Gender Equity

1. Number of gender equity promotion programs organized by the institution during the last five years.

Answer: 47

2. Institution shows Gender Sensitivity in Providing Facilities Such As

- **Safety and security**
- **Counseling**
- **Common Room**

The college has given top priority towards gender sensitivity with a view to safe guard safety, security and interest of the girl students. To comply with this, the college has appointed a woman Vice Principal exclusively to attend to the needs and problems of the girl students. The college has also appointed a lady security guard to ensure the security of the girl students on the campus. The college has formed a separate committee consisting of only women staff who constantly keeps a vigil with regard to safety and security of the girls in the college building, playground, library and also while commuting. Separate space for parking vehicles and bicycles, common room for keeping their baggage's, first-aid-box and sick room is provided to girl students. A workshop on self-protection for girl's students was organized by the college from 21 to 27 Jan 2016.

A programme on Traffic Rules was organized by the college on 12/09/2016 in which Mr. Sanjay Patil (Police Inspector) Rahuri Police Station explained to the students about the traffic rules and safety measures to be followed for the safety of every one. Training on the security to be provided to the students under emergency situations given to the college security staff by Chief security officer of Pravara Rural Education Society.

The College has women empowerment and redressal, anti-ragging and anti molestation counseling centers. The female teachers with a constant vigil ensure that no undesirable events or incidents take place on the campus that may molest any girl student. The teachers also counsel the

students and instill confidence in them and make them aware of their power and status in the country. If any girl is harassed or molested, the lady teacher tries to drive away the fear or inferiority complex in them and tells them to face the challenges and situations with courage. The college organizes workshops, seminars, guest lectures, poster presentations, rallies to create awareness among girl students with regard to the empowerment, weaknesses, health care, ragging, molestation, precautionary measures to be taken for safety and security. Training programs such as taekwondo, karate and other self defence programs are also organized from time to time.

The college has also installed CCTV cameras at suitable places which are helping to identify any unpalatable incident on the campus. The college has a common room for girls students with all the necessary facilities required for students' relaxation and entertainment. A CCTV camera is installed in front of the common room.

7.1.2 Environmental consciousness and sustainability

Alternate Energy Initiatives such as:

- **Percentage of power requirement of the institution met by the renewable energy sources:**

Answer: 1.44%

- **Percentage of Lighting power requirement met through LED bulbs:**

Answer: 57 %

- **Waste management steps including**
 - **Solid waste management,**
 - **Liquid waste management and**
 - **e-waste**

The college has separate waste management committee which gives guidance for the proper collection and disposal of solid, liquid and e-waste and also supervises the disposal mechanism. The solid waste includes plant litter, broken glass pieces, broken furniture, paper waste, electrical etc. The liquid/chemical waste is categorized into hazardous and non-hazardous waste and collected in separate cans. All the liquid, solid and e - waste that is collected following safety steps is then submitted to the wastage collection centre in the Pravara Rural Education Society for the proper disposal. The water from the toilets and wash basins is drained into a separate soak/septic pit. The

plant waste is converted to bio-fertilizer through vermin- composting process. The **vermi-compost** thus produced is used as bio-fertilizer for the garden plants in college campus.

- **Rain water harvesting structure and utilization in the campus**

Satral village where the college is located comes under the rain-shadow and drought prone area, hence receives less rainfall that too not continuously during the season. Considering this cause and with an aim to meet water requirements, the college decided to harvest the rain water and store. Accordingly PVC pipelines at appropriate places were fixed and interconnected in the college main and adjacent buildings in 2013-14 for collecting rainwater from the terrace which is 2200 sq. ft in area. The rain water thus collected is stored in a fibre tank of 7000 liters in front of chemistry laboratory and also drained into the soak-pit for recharging the ground water to increase the water level in the bore-wells and other well on the campus in botanical garden. The collected water in the fiber tank is used for chemistry laboratory and also watering the lawns and ornamental plants around the buildings.

- **Green Practices:**

The college has rich vegetation with a variety of plants, bushes and green lawns in the campus and a well planned botanical garden spread in three acres. There are 118 ornamental, forest and medicinal plants in the garden. A separate place nearby the garden is used for raising the nursery plants and mulberry plants. The college has also developed a separate “Nakshatra Garden” with medicinal and endemic plants. Every year trees are planted on important occasions. Moreover, the college goes for green audit once in every two years.

Weekly once the students and staff are advised to observe “No Vehicle Day” in the campus.

About Eighty Percent of the students come on bicycles or on foot. The college is not connected to any highway hence no regular transport is seen. Therefore, we experience less air and sound pollution in the campus, thus we claim our campus to be eco-friendly.

The students are also made aware of the harmful effects of the plastic and they are asked to do away with the usage of plastic in the campus.

As far as possible the college communicates through internet, mobile, e-mail IDs. The office records are also maintained in the software. Thus, this practice is helping to use less paper thereby minimizing the paper wastage.

The college is located amidst the agricultural fields far away from industrial and residential area. The campus is lush green with variety of plants and bushes thereby giving a greenery look.

6. Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years.

Answer: 1.74%

7.1.3 Differently abled (Divyangajan) friendliness

• **Resources available in the Institution:**

1. Physical facilities
2. Provision for lift
3. Ramp/Rails
4. Braille Software /facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently baled student
8. Any other similar facility (speatify)

Options:

A.7 and more of the above

Answer: B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above

E. None of the above

7.1.4 Inclusion and situations:

1. Number of specific initiatives to address locational advantages and disadvantages during the last five years.

Answer: 17

2. Number of initiatives taken to engage with and contribute to local community during the last five years.(Not addressed elsewhere):

Answer: 07

7.1.5 Human Values and Professional ethics

1. **Code of conduct handbook exist for students, teachers, governing body, administration including principal/officials and support staff – Yes**
2. **Display of core values in the institution and on its website – Yes**
3. **The institution plans and organizes appropriate activities to increase consciousness about national identity and symbols; Fundamental Duties and rights of Indian citizens and other constitutional obligations = Yes**
4. **The institution offers a course on human values and professional ethics –Yes**
5. **The institutional functioning is as per professional code of prescribed/suggested by statutory bodies / regulatory authorities for different professions. – Yes**
6. **Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and Peace): National values, Human values, National Integration, Communal Harmony, and Social Cohesion as well as for observance of fundamental duties during last five year: 13**
7. **Institution organizes national festivals and birth/death anniversaries of the great Indian personalities – Yes**
8. **The institution maintain complete transparency in its financial, academic, administrative and auxiliary functions –Yes**

Amount received by college from various sources is deposited in college saving and current accounts in Co-operative and Nationalized banks.

For better transparency, the college has adopted following steps.

- No cash is accepted in the office directly, therefore the office is cashless
- Students are advised to pay fees in the bank through the challans
- Permission for spending for any purpose is sought from the Head office (PRES)

- Grants received from funding agency under faculty development scheme is intimated to the concerned teacher and released.
- Scholarship amount is displayed on students notice board and transferred to the students' savings accounts in banks.
- Every transaction is made either through cheque or online.

- The accounts are audited every month by internal auditors deputed by the Pravara Rural Education Society.
- Quarterly period audit is done by the external auditors. Audited statement is submitted in time wherever and whenever demanded.
- Transparency in academic work is maintained by recording daily academic work as per time table, publishing the academic calendar and display of related notices.
- Transparency in administrative work is ensured by the Head of Institution in every aspect as per code of conduct and ethics.

Key Indicator-7.2 Best practices

7.2.1 Describe at least two institutional best Practices

Our college has adopted the best practices some of which are as below.

- Dress code for the students and staff
- Daily recording of the theory and practical periods
- Appointment of woman vice-principal to take care of women students and staff and solve their problems.
- Facilities and activities for the empowerment of women
- Rest and sick room for women
- Lady security guard to ensure more security for women
- Birthday celebration of the physically disabled students to make them feel of their inclusiveness in the mainstream

- Establishment of Dr A.P.J. Abdul Kalam library to promote creativity and innovation in students.
- Minimum electricity consumption due to more natural light and ventilation in building
- Students voluntary group for maintaining cleanliness of the campus
- Internal squad to ensure the smooth conduct of examinations without any malpractices
- Women empowerment Best Practice –Kalam library Project
- Recording of the daily academic work
- Staff pays the fees for one or two poorest students.
- Through contribution by staff, a bicycle was purchased for a poor girl student for attending the college.
- Every year students from earn and learn scheme are provided woolen sweaters and blankets.

❖ **Title of the practice –Kalam Library: Journey from Young Minds to Noble Minds**

➤ **Objectives of the Practice:** The College has established Dr. Kalam Library in 2016-17 in his memory and also as a responsibility to respond to his appeal with the mission of providing opportunities to create a nation of lifelong learners and with the following objectives stated by him.

- ✓ To ensure that every child has access to knowledge in the form of books.
- ✓ To involve the whole community to work towards education for children.
- ✓ To create awareness about social causes amongst children who become brand ambassadors of promoting the message within their communities.
- ✓ To bring a better change for the future generations by empowering the present generation.

➤ **Context:**

Dr. Kalam during his visit to the educational hub in Pravaranagar on 5th January, 2015, strongly advocated that every child of the nation should have access to library and asked the parents and institutions to develop a small library that would ignite the young minds so that they can come up with innovative plans and ideas for the welfare of human beings and also contribute towards the nation building exercises.

The college contemplated to provide the library facilities at three levels namely:

– Trishul (50 to 100Books)

– Prithvi (101 to 200 Books)

– Agni (201 and above)

With the challenge of inspiring the donor read the book and make a précis of the content. The books available in Kalam library are those that inspire, motivate, trigger, ignite the reason, and narrate success stories and also biographies of the great personalities in the area of Philosophy, Education, Science, Technology, Business and Economics.

❖ **The Practice:**

Initially, this library was established at Trishul level and in a span of two years has reached Prithvi level. The college aims at reaching Agni level in the next couple of years. All the books are donated by the staff and students. The donor is asked to review the book and write a summary of the contents of the book and paste on the first page of the book to enable the other readers to have the gist of the book. In the present context, we observe that the students do not have the reading habits, thinking and analyzing ability, and finding solution to the problem. The students are spoon fed and the knowledge given to them is examination oriented. As a result most of the students are not referring or reading the enriching books available in the library. Through the Kalam library, the college is striving to ensure that every student goes to the library and develop reading and thinking habit.

The college is based in rural area and the students are come from educationally back families who have taken education in Marathi which is their mother tongue hence they find it difficult to grasp the contents of the books in English version.

Besides, the students from Arts and Commerce streams are apathetic towards scientific books. With the establishment of Kalam library we could see change in the students' attitudes that have developed reading and thinking habits to some extent. Every year, the idea is to depute 20 students who read the books in library and share their knowledge in other institutions of primary and secondary levels.

❖ **Evidence of Success:**

Every staff member read a book and prepared summary of it and pasted on the book. The students could develop some models and idea that were exhibited in the college in the last year. Some of our students shared their knowledge with others in the community.

Problems Encountered and Resources Required:

Our college is located in rural area and students are from families of rural background. The students are busy in the regular college work and do not get enough time to read the books in the library. They have a sort of inferiority complex as they had their school education in Marathi medium. In addition to this, most of the students are lacking in the reading habits and they are totally examination oriented. Since the college is away from the village, girl students go home immediately after their lectures are over for security and safety reasons and hence they are unable to sit in the library for extra hours till evening.

Financial constraints due to lack of funds is the major problem faced in implementing this practice. The college being in a rural area, donations from the take holders are not received and the common people are not getting convinced for donating cash or books for the library.

❖ **Title of the practice: Noting of the daily academic work**

➤ **Objectives of the Practice:**

- ✓ Every period is conducted without any loss in the academic work
- ✓ To ensure completion of teaching work in prescribed time

➤ **Context:** the management has instructed the Principal to ensure that every teacher engages the lectures regularly as per the schedule so that the students are not put to academic loss. In accordance with the instructions, the Principal has decided to note the every period every day in the register and the decision has been put into practice and implemented daily. As soon as the bell rings, the person entrusted to the responsibility of noting the academic work goes around and notes down the names of the teacher and the class and time.

➤ **The Practice:** Noting of the daily academic work is entrusted to the person specially appointed for this purpose. It keeps check on absenteeism of the teachers from the class. Moreover, the record assists the administration to plan academic strategies. The practice also makes the students alert and makes them to feel that the academic work is regularly carried out as per the time table. Since the periods are regularly conducted, the attendance of the students also increased. The students feel that the college has a check on the punctuality of the teacher. The teacher also feels that he or she should not miss the lecture as it is recorded. This record is brought to the notice of principal every day. The Principal asks for the explanation from the teacher if the class is not engaged as per the time table. This has been helping in the smooth

conduct of the academic work. As a result, the teachers are compelled to request other teachers to engage their class when they go on leave.

- **Evidence of Success:** Teachers have been engaging the lectures punctually and regularly thereby avoiding the academic loss to the students.
- **Problems Encountered and Resources required:** There are some subjects taught by single faculty who finds it difficult to adjust lectures of that particular subject when wanted to go on leave. Even if it is adjusted it is not beneficial to the students learning other subjects.

Key Indicator-7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Upliftment of the rural masses by providing adequate and necessary facilities for offering the quality education is an area distinctive to the vision of the institution. The institution under the guidance and dynamic leadership of the Pravara Rural Education Society, aims at bringing the students into main stream by offering them academic programs in the faculties of Arts, Commerce and Science along with the fifteen skill-oriented, vocational and certificate courses to make them confident and independent. The education process in addition to classroom interactions is also facilitated through advanced teaching techniques and tools such as power point presentations, 3D models, charts, films based on literary works, GPS, slide-share, online study guides etc. For the holistic development of the students, apart from curricular activities, co-curricular and extracurricular activities are also conducted. To tap and bring out the hidden talents among the students, activities such as sports, cultural, debating, elocution, exhibitions, presentations etc. are organized. Considering the need for vocational education in the present competitive world, the institution has introduced skill development courses viz. Spoken English and Communication Skills and Mulberry Sapling Producer.

The institution prioritizes to empower socially, economically and educationally marginalized sections of the society through appropriate education with an objective to cultivate the qualities among the students that would transfer them into a cultured and knowledgeable human resource. The objective is realized by facilitating learning and involvement of students in various

programs related to the social, health, environment awareness, women empowerment and other cross cutting issues.

The institution also focuses on staff enrichment programs by providing them incentives in the form of study leave and duty leave for faculty development programs. They are motivated to engage themselves in research to keep themselves abreast of latest developments in their subjects. Faculty development programs are organized every year. The institution has an edge for having an impartial co-education system that is keen on the issue of gender equity. It has ensured the safety and security of the girl students by appointing a woman Vice-Principal and security guard which has created a congenial ecosystem and developed confidence in them. The girl students are offered the lessons in self-defence, yoga, meditation etc. making them physically and psychologically fit. The efforts have been reflected into increasing number of admissions as well as academic performance of girl students.