



*Ahmednagar Jilha Maratha Vidya Prasarak Samaj's*  
**NEW ARTS, COMMERCE AND SCIENCE COLLEGE**  
**PARNER – 414 302**  
**Dist.-Ahmednagar (MS), India**

# Perspective Plan

**2018-2023**



“Excellence is a continuous process and not an accident.”

... Dr. A P J Abdul Kalam

## Introduction

New Arts, Commerce and Science College, Parner was established in 1977 by parent institute Ahmednagar Jilha Maratha Vidya Prasarak Samaj, Ahmednagar to provide higher education to the wards of deprived sections of the society belonging to the Parner Tehsil and around it. The college caters the diversified needs of education in terms of undergraduate, postgraduate and doctoral programmes in Arts, Commerce & Science disciplines. The college has motivated, dedicated and qualified faculties across all disciplines. A good support from the Management is the key aspect in development of institute. The institute has grown with adequate infrastructural facilities and academic programmes, still there is a need to develop, initiate and to match academic programmes as future prospectus. Development and growth is a continuous process and has to be reviewed periodically, analyzed and modified with future perspectives. The perspective plan is prepared keeping in mind the growth, requirements, employability and sustainability of the learners.

The vision and mission statements of institute are:

**Vision:** To make social development through quality education to poor and socioeconomically deprived masses and rural youth.

**Mission:** To make all round personality development of students through disciplined teaching-learning process.

The institute reviewed its comprehensive journey and achievements from inception in line with the vision and mission statement. After a year of preparatory work including suggestions from parent institute and discussions with alumni, students and faculties as well as a SWOC analysis, New Arts, Commerce and Science College, Parner is ready to project this Strategic/Long Term Plan for the following five years i.e. 2018-2023. The plan aimed at growth and development was designed by IQAC in November 2017 and placed before College Development Committee (CDC) meeting on December 22, 2017 for discussion and approval. After a thought process the plan was submitted to Governing Body of parent institute.

This perspective plan document begins with a statement of Executive Summary, outlining prospect of future development of the institution that will be addressed through the perspective plan's actions. The Perspective Plan identified through a discussion with stakeholders, the Envisioned Future, looking ahead to 2023 and the Goals and Strategies determined will lead us to that future.



## About the College

### 1. Name and address of the college:

<b>Name :</b>	Ahmednagar Jilha Maratha Vidya Prasarak Samaj's, New Arts Commerce and Science College, Parner, Dist.-Ahmednagar, MS-414302
<b>Address :</b>	Sambhajinagar, Parner-Supa Road, Parner, Dist.-Ahmednagar, MS-414302
<b>City :</b>	Parner Pin : 414 302 State : Maharashtra
<b>Website :</b>	<a href="http://newartsparner.com/">http://newartsparner.com/</a>

### 2. For communication:

Designation	Name	Telephone with STD code	Mobile	Email
<b>Principal</b>	Dr. Rangnath Kisan Aher	O: 02488- 221537	9422754080	<a href="mailto:prinnacsp@gmail.com">prinnacsp@gmail.com</a>
<b>Vice Principal</b>	Dr. Tukaram Sukadeo Thopate	O: 02488- 221537	9403190393	<a href="mailto:thopatencl@rediffmail.com">thopatencl@rediffmail.com</a>
<b>IQAC Coordinator</b>	Prof. (Dr.) Dilip Raosaheb Thube	O: 02488- 221537	9423161413	<a href="mailto:iqacnacsp@gmail.com">iqacnacsp@gmail.com</a> , <a href="mailto:drthube@rediffmail.com">drthube@rediffmail.com</a>

3. Status of the of Institution : Affiliated to Savitribai Phule Pune University, Pune

4. Type of Institution : Co-education

### 5. Details of UGC recognition:

Under Section	Date, Month & Year	Remarks (If any)
i. 2 (f)	25/03/1982	UGC Letter No. F.8-87/81(C.P.) Dated 25 <sup>th</sup> March 1982
ii. 12 (B)	28/08/1998	UGC Letter No. F.8-17/95(CPP-I) Dated 28 <sup>th</sup> August 1998

### 6. Location of the campus and area in sq. mts:

Location *	RURAL
Campus area in sq. mts.	46134.16
Built up area in sq. mts.	10261.15

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



## 7. Details of programmes offered by the college (2017-18)

Sl. No.	Programme Level	Name of the Programme	Duration	Entry Qualification	Medium of instruction	Sanctioned/ approved Student strength	No. of students admitted
1	Under-Graduate	BA	3 years	HSC	Marathi	840	689
		BCom	3 years	HSC	Marathi/English	360	348
		BSc	3 years	HSC	English	840	687
		BSc (CS)	3 years	HSC	English	240	210
		BBA-CA	3 years	HSC	English	240	143
2	Post-Graduate	MA English	2 years	BA	English	120	35
		MA Marathi	2 years	BA	Marathi	120	43
		MA Hindi	2 years	BA	Hindi	120	40
		MA Geography	2 years	BA	English	48	33
		M.Com	2 years	BCom	Marathi/English	120	103
		MSc Physics	2 years	BSc	English	96	69
		MSc Org. Chem.	2 years	BSc	English	48	47
		MSc Anal. Chem.	2 years	BSc	English	48	48
		MSc Botany	2 years	BSc	English	24	20
		MSc Mathematics	2 years	BSc	English	120	92
		MSc (CS)	2 years	BSc	English	60	40
3	Ph.D.	PhD Botany	5 Years	MSc Bot PET	English	18	04
		PhD Chemistry	5 Years	MSc Che PET	English	12	07
4	Certificate courses	14 Need Based Courses		HSC	English /Marathi	214	252
6	UG Diploma	--	--	--	--	--	--
9	Advance Diploma (UG)	--	--	--	--	--	--
10	PG Diploma	--	--	--	--	--	--
	Any Other	--	--	--	--	--	--
	<b>TOTAL</b>					<b>3474</b>	<b>2658</b>

## 8. Details on students enrollment in the college during the current academic year 2017-18 :

Type of students	UG	PG	Ph.D.	Total
Students from the same State where the college is located	2077	570	11	<b>2658</b>

8. Does the college offer self-financed Programmes?

**YES**

9. If yes, how many?

**13**

10. List the departments:

Particulars	UG	PG	Research
1. Arts	07	04	00
2. Commerce	02	01	00
3. Science	06	06	02
<b>Total</b>	<b>15</b>	<b>11</b>	<b>02</b>



### 11. 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	01		13		29		26		0	0
<i>Recruited</i>	1	0	12	01	16	03	20	01	--	--
<i>Yet to recruit</i>	00	--	--	--	10	--	05	--	--	--
Sanctioned by the Management/society or other authorized bodies	--		--		89		06		04	
<i>Recruited</i>	--	--	--	--	40	26	04	00	03	01
<i>Yet to recruit</i>	--	--	--	--	16	--	02	--	--	--

\*M-Male \*F-Female

### 12. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent teachers</b>							
D.Sc./D.Litt.	-	-	-	-	-	-	-
Ph.D.	01	-	08	00	09	01	19
M. Phil.	-	-	01	00	02	00	03
			(03)	(00)	(06)	(01)	(10)
PG	-	-	03	01	09	02	15
<b>Temporary teachers</b>							
Ph. D.	-	-	-	-	02	03	05
M. Phil.	-	-	-	-	01	--	01
PG	-	-	-	-	33	23	56
<b>Part-time teachers</b>							
Ph. D.	-	-	-	-	-	-	-
M. Phil.	-	-	-	-	-	-	-
PG	-	-	-	-	-	--	--
<b>Total</b>	<b>01</b>	<b>-</b>	<b>12</b>	<b>01</b>	<b>56</b>	<b>29</b>	<b>99</b>

Number in parenthesis indicates teachers with M.Phil.

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

**Cycle 1** : 08 January 2004 [78.00%] (Awarded B<sup>+</sup> grade)

**Cycle 2** : 10 March 2012 [CGPA-2.81] (Awarded B grade)

**12. Date of establishment of Internal Quality Assurance Cell (IQAC) : 15 December 2000**



## **SWOC ANALYSIS**

### **Current Status of college:**

An in-depth analysis of activities of the Institute helped in generating a comprehensive understanding of its strengths, weaknesses, opportunities and challenges. These are as follows:

#### **1. INSTITUTIONAL STRENGTHS**

1. A well reputed supportive management having tremendous trust in the society.
2. A long rich history: Oldest College for higher education in the region and serving socio-economically deprived sections in the society since 1977.
3. Promoting girl education with large number of girl students.
4. State-of-art Infrastructure for Teaching-learning and research.
5. Adequate and reliable ICT infrastructure.
6. Girl's Hostel to accommodate Girls.
7. Good playground and facility for indoor and outdoor games.
8. A well-motivated and dedicated staff.
9. Conducive learning environment for diversified learners.
10. Earned the trust of GOs, NGOs and social bodies.
11. Mentor- mentee programme to provide professional socialization and personal support to facilitate success in college and beyond.
12. Earn and Learn Scheme for poor needy students transformed lives of many.
13. Institutional Scholarships for Indigent Students.
14. Well-structured feedback system.
15. Staff Welfare schemes.
16. Artistic and Cultural Performances through activities to link culture and traditions.
17. Several initiatives to enhance the environment within the College like green audit.
18. Emphasis on sustainability and "green campus".
19. Existence of a well-structured calendar of activities.
20. Excellence in University Ranks
21. Excelled Alumni

#### **1. INSTITUTIONAL WEAKNESS**

1. Accommodation facility for boys.
2. Insufficient MoUs with industries and research institutes.
3. Interdisciplinary programmes.



## **2. INSTITUTIONAL OPPORTUNITIES**

1. Research Centre in different subjects.
2. Capacity to better research projects.
3. Residential facilities for Boys.
4. Renovate the infrastructural facilities.
5. Collaborations with nearby reputed industries and research organizations.
6. Common Facility Centre for research in science.
7. Continue to secure funding to establish VET.
8. Scope for generation of more funds.
9. Excellence itself through digital initiatives.
10. Engaging development partners on issues.
11. Links with other institutes of better performance.
12. Secure additional alumni support.
13. To expand interest in academic program and cultural activities.
14. Promotion of innate artistic talent of the students.
15. To bridge gap between curricular and societal interests.
16. Outreach activities with the participation of schools from the area.
17. Provisions for online education.
18. Policies and Procedures on Academics, Research and Extension activities.
19. Resource Mobilizations through Public-Private Partnership (PPP).
20. Platform for Placements and Training Opportunities.
21. Achieve a status of College with Potential for Excellence.

## **3. INSTITUTIONAL CHALLENGE**

1. Orientation of Students towards the challenges of Globalization of HE.
2. Professional and PG courses are permanently self-financed.
3. Desire of the College for autonomy.
4. Government policy on Education.
5. Decreases in funding from State and Central Govt.
6. Promotion of research activities.
7. Sustenance of Healthy competitive learning environment.



## EXECUTIVE SUMMARY

Ahmednagar Jilha Maratha Vidya Prasarak Samaj, Ahmednagar established New Arts, Commerce and Science College, Parner, in 1977 with a view of imparting education and developing generations of students equipped with the knowledge. The institute has a tradition of producing outstanding students, who have rendered services in different walks of life. The present students have kept the track of excellence.

New Arts, Commerce and Science College, Parner has completed 45 years of its fruitful experience and has ambitious plans of development to excel in its services including academics, research and extension through innovations. The College is pleased to present a Perspective Plan for five years.

The plan is an outcome of the sincere discussions among the HoDs and IQAC of the College. The same has been approved by the CDC and the Governing body of the parent institute. New Arts, Commerce and Science College, Parner has been awarded the status of the **Best College by the University of Pune in 2014, NSS-Best College 2015, GoM- Road Safety Campaign 2016** for its excellence in academics and extension activities at university and state level. The activities of the college and faculties are recognized in terms of 25 awards at different levels. Academic activities undertaken by the college form the basis for its recognition in all strata of the society.

While preparing the present perspective plan, New Arts, Commerce and Science College, Parner has considered following main objectives:

- 1) Vision and Mission Statement of our College.
- 2) Quality Policy of the College.
- 3) Quality bench marking in higher education.

**Objectives of Perspective Plan:** Writing a vision document envisages a concerted team effort. Considering the background of our college as an institution imparting quality education, the College has identified the broad aim of perspective plan as follows:

1. To set a sustained quality system with a conscious, consistent and programmed action.
2. To create an academic environment with sincerity, discipline and commitment.
3. To shape human citizens of the nation.
4. To emerge as a model college for quality education.
5. To establish globally the brand image of the college.

The aim identified is to bring three 'H' together in an integrated manner viz., Hand (to develop skills), Head (to gain advanced knowledge) and Heart (to inculcate human values).

To achieve these aims, a set of following objectives are identified to be achieved through this perspective plan over the next 5 years:

1. To inculcate learner centric and effective teaching learning process.
2. To sustain good academic performance.
3. To ensure transparency and credibility in the process of evaluation.
4. To develop a comprehensive system of student mentoring and student support.





5. To achieve horizontal and vertical upgradation within the limits of time and expectations.
6. To strengthen a research culture in institute.
7. To initiate skills development programmes improving the employability of students.
8. To motivate students for self-employment and to enable them to emerge as entrepreneurs.
9. To set a friendly and efficient administrative set up ensuring a smooth functioning.
10. To empower faculty about emerging trend in their profession for academic advancement.

### **The proposed plan for academic development and sustainable growth:**

#### **1. Establishment of Research Centre:**

The college started research centers in Botany and Chemistry in 2014 and proposes to start a research centre for Physics, Hindi, Economics and Geography. We have desire to give research exposure and training of methods and techniques in research to the students. These centers will function as coherent unit for the student development at a large scale.

#### **2. Research Projects:**

We plan to provide opportunities to faculty members to engage in research through research projects in all possible areas including interdisciplinary research. This will help them to enterprise and inculcate a scientific culture among the stakeholders. College desires to provide seed money to young researchers for building research recognition.

#### **3. Research Publications and Patents:**

College is promoting the researchers for quality outcomes in terms of research publications and patents. The researchers will be supported financially for publications research articles in UGC recognized reputed journals and patents.

#### **4. Consultancy Services:**

We plan to provide consultancy services for the dissemination of knowledge and expertise. The aim of our consultancy is to provide charged or voluntarily professional services such as knowledge, skills, expertise or advice.

#### **5. Collaborations /Linkages with Foreign Universities:**

The globalization has impacted extensively. The knowledge based economy can be strengthened on the basis of education also. The efforts of universalizing the education process are being made by establishing international linkages among different institutions. The skills and competence are considered as the prerequisites for manpower development. We aspire to be on the world map as an institute of quality and caliber, which may be brought in practice by establishing international linkages. We plan to establish linkages/collaborations between our college and foreign universities/Institutions in the field of education, research and training. Such collaborations will facilitate exchange of resources and expertise in various fields. With the help of collaboration, we can conduct research and training activities, seminars, conferences, and development programmes.

#### **6. Vocational Education and Training:**

We intend to initiate the new courses/programmes on entrepreneurship training among the students in the form of degree programmes. College has established MoUs in order to provide training and utilize expertise to train our students. An infrastructure facility for Skills training needs to be established. We have planned to submit a Detailed Project Report (DPR) to RUSA, GoM.



**7. Strengthening of Accommodation Facilities :**

The present accommodation facilities for the students are not sufficient to cater the needs of students. College has planned and obtained the grants from UGC for establishing one more hostel and the construction work is in progress. This facility will be made available to students at an earliest.

**8. Renovation of Infrastructure :**

The infrastructural facilities of the College are although adequate needs to be renovated to maintain cleanliness and ensure the learning ambience. We have planned to obtain the necessary funds form parent institute.

**9. Language Laboratory:**

The college plan to a start of state-of-art and an innovative language laboratory. Students will be benefitted from such a language laboratory to improve their language competency skills in Marathi, Hindi and English languages.

**10. Coaching Centre for NET-JRF, SET, GATE:**

The college aims to start a centre to guide the students to clear subject related competitive examinations successfully. This will make them competent and enable them to continue their higher studies like Ph.D.

**11. Skills Oriented Short Term, Diploma and Advanced Diploma Courses:**

We desire to offer short term certificate courses for students to enhance and imbibe various skills which will help them for employment. These courses will be taught to students through the services and expertise of experienced faculty and industry personals.

**12. Innovation Ecosystem:**

The institute has research centers in Botany and Chemistry. We intend to have more research centers through which research and innovative ideas can be gathered and could be turned into innovations through a thought process and systematic experimentation using resources. The training programmes can be conducted. This will help to inculcate the entrepreneurship development.

College will apply to MHRD, GoI for Innovation Center which will help to initiate the startup and incubation activities.

**13. Environment and Green Audits:**

The College has a plan to conduct a green and environmental audit of its natural resources. The audit will cover topics such as air quality, energy efficiency, water conservation, waste management, daily operations and maintenance. The audit can be conducted by hiring an agency.

**14. E-learning Resources and Strengthening of ICT Facilities:**

The college aims to provide better e-learning resources to the students. The online platforms such as NPTEL, courser can be used for online teaching-learning. The students will be supported through local chapters. ICT facilities will be strengthened in terms of ICT enabled classrooms, smart classrooms, virtual classroom and ICT tools for effective teaching learning process. College has a desire to use flipped classroom mode for fruitful outcomes of TLP. These will be used for curriculum delivery and evaluation mechanisms.



### **15. Strengthening of Library, E-books and Digital Libraries:**

The college library will require more space to maintain the upkeep facilities in terms of increased number of learning resources. We propose to introduce E- Library facility which will cover a large number of e-books and e-journals for the purpose of reference. Through this facility the students will be able to access various books and other reading materials remotely via computer networks. INFLIBNET and NLIST services will be utilized. College planned to participate in National Mission on Education through ICT (NME-ICT) by e-content development.

### **16. Faculty Training and Development:**

The training and development of faculty has been one of the important objectives of our college. Besides participation of teachers in Orientation Courses, Induction Programmes and Refresher Courses, specialized areas of interest need to be undertaken for training. The use of audio visual aids, development of effective communication skills, software development, institutional image building and public relations etc. are some of the areas.

### **17. Peer Reviewed Journal of College:**

We desire to initiate a peer reviewed journal, which will include the research expertise of the faculties and trained personnel from different fields for the benefit of all. The editorial board may be comprised of alumni and expert form college as well as other institutes of repute.

### **18. Academic Audit and Annual Quality Assurance Reports (AQAR):**

Academic audit is an important apparatus to review the processes or procedures that faculty members use to provide a quality education in their department and to understand the effective measures that departments employed in successful conduct of the activities. An academic audit will focus on strategies that a department uses to ensure quality education, and not their actual teaching. It will also analyze how it can improve students' learning. The outcomes will be documented in terms of AQAR and submitted to NAAC in scheduled time.

### **19. Solar Energy Harvesting:**

The college aims to encourage and create environment awareness among the students. To attain this goal, we intend to initiate a Solar Energy Harvesting program with the assistance of experts in the field.

### **20. Rain Water Harvesting:**

Parner tehsil belongs to the hilly and drought prone area of Ahmednagar district and has limited rain fall. In order to meet the needs of water necessary for smooth functioning of college as well as for watering plants, we are harvesting the rain water regularly. College has desire to increase the sources water by harvesting more rain water which is flowing from the new hostel buildings as well recycling the processed waste water.

### **21. Strengthening of Soil and Water checking center:**

We have initiated the activities for testing of water and soil samples on nearby citizens and farmers for their parameters with the help of students as public health services. The college has planned to strengthen it in the form of advanced instrumental facilities as well as an authorized center of GoM.

### **22. To adopt a village for overall development:**

Adoption of a Village is a unique sustainable development model based on community development. The main aspects considered are Education, Clean Water, Sanitation



Health, Livelihood, Agriculture and Food Security. College has planned to adopt a nearby village and conduct various activities including Unnat Bharat Abhiyan (UBA) for its development with the NSS, NCC, etc.

**23. To strengthen Competitive Exam Centre for Students:**

The college aims to strengthen a Competitive Examination Centre with the objective of providing academic facilities to the students of Maharashtra aspiring for administrative career by successfully appearing for the Civil Services Examinations. The long-term goal is to create awareness and interest among students about Civil Services and motivate the youth from Maharashtra to achieve the services.

**24. Career Guidance and Placement Cell:**

College has put the sincere efforts in providing career guidance to the students with the aid of guidance talks of faculties, industry personals, renowned experts, entrepreneurs. College also provided the opportunities for placements in industries with the help of on or off campus placement drives. We have planned to strengthen the cell with a separate placement officer who will be able to enhance the linkages and placements.

**25. Digitalization of the College Campus:**

HEI believes in modern technology for smooth and effective functioning of different sections of the college. Modern Technology will help for efficient connectivity, quickness and perfection in the working of the college. It will ensure the accuracy in preparation of documents, reports and retrieval of the documents.

**26. Documentation and Record keeping:**

The records about distinguished alumni, teachers, guests of honour, administrative developments, examinations records, etc. will be the main components to be preserved for future references. It will require digitalizing the records with microfilming and CDs.

**27. Development of the college website:**

Website of institute is a tool used for continuous communication with the stakeholders and a facility to publicize the projects, schemes and activities of the college. The website of college needs to be updated and upgraded continuously.

**28. Strengthening Sports Complex:**

The college plans to establish a sports complex equipped with all modern facilities. We have desire to have a multipurpose auditorium for indoor games.

**29. Online Feedback System:**

The college plans to practice an online feedback on curriculum, facilities, teaching learning and research and extension activities and services from stakeholders.

**30. Autonomous Status:**

The challenge of competition at the global level, enhancing employability among students and sustaining quality efforts are the main forces behind becoming autonomous. We propose to apply for autonomy in response to the appeal made by the UGC, SPPU, Pune and the State Government. Before that, we need to apply for College with Potential for Excellence.

This Perspective Plan will need the support of the management, teachers, administrative staff, alumni, well-wishers and students to bring it in practice.



## Development Plan

2018-2023

### 1. Faculty Development

College has been making proactive efforts to upgrade the knowledge and skills of faculty members by facilitating them via participation in various programs mentioned below:

- Orientation Program, Refresher Program, Induction Programmes,
- Interdisciplinary Programs; Special schools; Short Term Courses;
- Training programs; Special leave for pursuing higher qualification; Teacher Exchange program; Research Projects;
- Participation in Conferences, Seminars, workshops etc.
- Timely promotions of teaching staff.

### 2. Addition of New Courses

#### 1. Degree Programs:

To cater to the changing needs of the students and make them competent for the global challenges, the following new courses are proposed. The proposals will be submitted to SPPU, Pune and measures will be undertaken to initiate them during 5 years.

1. Vocational Education under UGC-NSQF Scheme
2. M.A. Economics
3. Ph.D. Programmes in Physics, Hindi and Geography
4. Additional Divisions for B.Sc. (CS), B.Com, M.Com, M.Sc. Organic Chemistry and M.Sc. Analytical Chemistry.

#### 2. Short Term Courses:

To build the capacity of students on emerging areas and technologies as well as to acquaint them with the cultural traditions the new courses in the following areas are proposed.

1. Ancient Literature
2. Land Surveying
3. Foreign Languages
4. Communication Skills
5. Computer Literacy and Advanced Computing
6. Banking and Finance Literacy
7. Greener Methodology and Environment
8. Constitutional Rights and Responsibilities
9. Sophisticated Instruments

### 3. Organization of Seminars and Workshops

To provide a common platform for Academicians- Researchers- Industry personnel and students, the college shall organize the following events:

#### 1. International level conference/ Seminar/Workshop in:

1. Marathi,
2. Hindi
3. Botany



4. Zoology
5. Physics
6. Chemistry

**2. National level conference/ Seminar in:**

1. Hindi, English, Geography
2. Commerce and Economics
3. Life Sciences
4. Chemistry
5. Mathematics, Computer Science and BBA-CA

**3. State level seminar in:**

1. Commerce
2. English, Politics
3. Chemistry, Life Science
4. Mathematics, Computer Science, BBA/ BCA
5. Library Science

In addition to the above workshops on syllabus reframing and training shall also be conducted.

**4. Growth of Students In Terms of Enrollments**

1. The intake capacity of the existing courses is fixed by the University.
2. Growth of the students is expected with the introduction of the proposed degree programs in UG, PG and PhD, thus an increase of 200 students is expected.
3. Thus in the plan period an overall increase by 600 students is anticipated and reach to 3300.

**5. Social Responsibility Programmes:**

To inoculate a sense of social responsibility among the students the following community based programs shall be undertaken:

1. Science Popularization Talks and Exhibitions.
2. Workshops on Value Education and Human rights.
3. Guidance Talks / workshops on environment awareness.
4. NSS camp visits and Guidance Talks on social media awareness.
5. Scientific survey of adopted village.
6. Study of Quality of Water for drinking and Soils for fertility.
7. Health Awareness Campaigns.
8. Women Empowerment.
9. Events on Constitutional Obligations and Inclusiveness.
10. Computer and Other Training programmes for non-teaching staff.
11. Active participation in Disaster management campaigns during natural calamity.

**6. Career Development and Placement Services:**

To enhance the career development and the placement, we plan to:

1. Strengthen the Placement cell by appointing a placement officer.
2. Organize and Participate in job fairs and exhibition.



3. Organize campus events focused on placements.
4. Organize special workshop on career opportunities and entrepreneurship.
5. Organize entrepreneurship training workshops.
6. Strengthen the competitive examination cell.
7. Organize workshops for interviews and offer soft skill training courses.
8. Effective communication and Interactions with Industries.

## 7. Students, Parents and Teachers Relation Development

To build a healthy relation with the parents the activities are proposed:

1. Parents meet for the newly introduced courses.
2. Mid semester parents meet.
3. Feedback from the parents.
4. SMS service to inform the students' progress.
5. Participation of parents on celebrations of special events.
6. Felicitation of parents of the rank holders and meritorious students.

## 8. Teacher's Evaluation by Students

Teacher evaluation in higher education can take place at various levels: the course unit, the course module, the semester, year of study, the subject, the entire Programme (UG, PG), the department, and the faculty/discipline or even at the level of the institution. The feedback system developed by college on this is transparent, actionable, and user friendly. This will help to strengthen the teaching learning process. Online feedbacks are obtained and analyzed and utilized for the improvements.

## 9. Alumni Activities and Leadership Development Programmes

To inculcate leadership qualities among the students, the college shall focus on the following areas annually:

**Encourage:** Various events and class programs shall be organized by students to build confidence among the students.

**Empower:** Guidance Talks/ workshops to address issues like personality development, soft skill, conversation skills.

**Values:** Celebration of Days and events of national importance and competitions on topics of core values.

**Vision:** Guidance talks by eminent personalities and high profile officials will help to create a vision in students.

- Alumni Guidance Talks and Series-Success stories to inspire the students.
- Alumni conducted workshops.
- Alumni activities for Grattitudeness towards college and staff.

## 10. Accreditation (Cycle 4)

College is reaccredited for 3<sup>rd</sup> Cycle by NAAC in September 2017 with 'A' grade (CGPA-3.07). It will be due for 4<sup>th</sup> Cycle in 2022. College has planned the activities for 5 years to upgrade in its 4<sup>th</sup> cycle through:

- Timely preparation of AQARs and submission to NAAC.



- Preparing of short term plans for each year and implantation.
- New initiatives on academic, research and extension activities.
- Increase the quality publications as well as National and International Activities.
- Strengthening of student support services and placement cell.
- Renovation of infrastructural facilities.
- Practicing ICT based TLP.
- Carry on discussions towards autonomy.

## 11. Research, Consultancy and Extension

Research, Consultancy and Extension is the backbone of education. For strengthening research cultures following activities are proposed:

### Research culture:

- Research competitions.
- Short Term research projects.
- Scientific surveys.
- Major / minor research projects from funding agencies
- Participation in AVISHKAR event.
- Participation in conferences/seminars etc.
- Organization of conferences/seminars etc.
- Research paper publications
- Research Methodology / Training workshops for teachers.
- Establish new research centers and strengthen the existing ones.
- Linkages with reputed industries and institutions.
- Collaborative research.
- Think research ‘Laboratory to Land’.
- Filing Patents.

### Proposal for consultancy:

- Start consultancy activities.
- Formalize consultancy.
- Weather forecasting station/unit.
- Soil and Water Analysis centre.
- Medicinal Plants.

### Extension activities proposed:

- To deliver guidance talks to high school students.
- Scientific surveys through NSS and student welfare.
- Special Activities on nation building themes.

## 12. Infrastructure Augmentation

In light of the proposed courses/activities the following infrastructural amenities are required:

### Laboratories-

- Central Instrumentation Facility





- Increase of space for Physics, Chemistry, and Zoology labs.
- New lab for Computer science
- Renovation and addition in furniture to the existing and newly proposed labs.
- Virtual Classroom/Laboratory

#### **Classrooms:**

- Virtual Classroom.
- Classrooms with white boards to enable ICT lectures.
- LCD Projectors for classrooms

#### **Equipment:**

- Phase wise augmentation of research equipments
  - AAS
  - GC, HPLC
  - UV – Visible Spectrophotometer
  - LCR meter
  - Spin Coater
  - Microwave synthesizers
  - Laminar Air flow
  - UV Transluminator
  - Tissue homogenizer
  - Rotary evaporator
  - pH meter
  - PCR
- Computers – 40
- LCD projectors - 10
- Printer- Laser HP 1020 -03
- Antivirus software- 20 users.
- Inverter 03 unit (10 comp backup)
- Increase the speed of lease line up to 60 mbps

#### **13. Efficient Use of ICT In TLP:**

- Preparation of PPTs and E-contents and uploading on college and university websites.
- Solving mathematical problems using freeware softwares TORA and Scilab.
- To develop simulation and animation packages in Physics.
- MS-EXCEL in teaching and learning system.
- Chemistry Softwares – Chemwin, Chems sketch, ChemDraw, Origin, NMR Tutor,
- E-Books, E-journals, E-database are to be made available for students.

#### **14. Use of ERP Software**

An Enterprise Resource Planning (ERP) software *VRIDDHI* is used in Admission, Administration, Examination and Accounting Processes. It is effectively used and upgraded as per the needs of changing times.



### **15. Plan for Seeking more Financial help**

College shall apply for funding for research and other facilities:

- Apply for funding to agencies like UGC, SPPU, DBT, DST, RUSA, etc.
- To apply for DBT star college scheme.
- Faculty Research Projects.
- Financial aid schemes of state and central government as per the guidelines.

### **16. Financial Requirements For Perspective Plan:**

The year wise requirements of estimates will be prepared for every academic year and the budget will be approved in CDC. Most of the finance required shall be from funding agencies UGC, while some finance will be required from parent institute, BCUD and Course fees.

### **17. Priority Recommendation**

- Infrastructural modifications and augmentation
- Procurement of equipments
- Procurement of computers and peripheral
- Develop rich resources to support fieldwork, internships, and international and other opportunities for extramural engagement that will enrich the graduate experience.

## Strategic Planning

The following schedule shall be practiced to fulfill the development of the plan.



**1. Adherence:**

We at HEI are committed to fulfill all the activities mentioned herein for the all-round development of the college and to stand firmly in the academic competition.

**2. Assessment:**

Each step of the plan shall be assessed by peers towards the fulfillment; the recommendations or suggestions will be incorporated to bring it to success.

**3. Planning:**

A detailed plan of each step shall be made. A committee of each new course/ activity shall be framed and each plan shall be discussed and verified with the IQAC.

**4. Execution:**

The strategic execution of each activity shall be done appropriately and timely. The monitoring committee shall be constituted for observation of each activity.

**5. Evaluation:**

The periodical evaluation report of each activity will be prepared to get a clear feedback about the activity and necessary modifications made if required.

**Date:** 22.12.2017

**Place:** Parner



  
PRINCIPAL  
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