

Shri Tilok Jain Dnyan Prasarak Mandals

Shri Anand College, Pathardi

District: Ahmednagar (MS), India

Perspective Plan

2022-2027

Principal's Foreword

Our college has been performing excellent in overall personality development of students, to face the challenges and be ready for new India. The college is known about the discipline, enhancement of students and teaching faculties. Our strategic plan focuses on the key priorities and achievement of the goals by 2027. To implement our plans and reach our goals, we will rely on the service and leadership by our staff, students, alumni, as well as university and outside stakeholders.

This strategic plan was developed by taking into consideration of the NAAC IIIrd cycle Peer Team recommendations in 2022. It was discussed in IQAC and then incorporated in its final form. The plan was then presented to the College Development Committee for their feedback and then it was finalized.

I am very much grateful to the management, trustees, teaching, non-teaching staff, CDC members, Alumni, IQAC Coordinator, NAAC steering committee for their valuable inputs and constant efforts in compiling the Strategic Plan. I assure that Shri Anand College will always remain the foremost temple of learning, where there are equal opportunities to all students to achieve excellence in life skills.

Dr. Sheshrao Pawar
Principal
Shri Anand College, Pathardi
Dist. Ahmednagar

Introduction

Shri Tilok Jain Dnyan Prasarak Mandal's, Pathardi is a Jain Minority institution, established in 1923. It is renowned for its active role in social justice initiative educational programs and community-oriented activities. By realizing key role of higher education in all sectors of life, Shri Anand College was established in 1991 under the guidance of the great visionary, Rashtra saint 1008 Acharya Shri Anandrishiji Maharajsahab. The primary objective was to offer higher education to the students of underprivileged segments in the Pathardi Tehsil and its surrounding areas. The institution addresses a diverse range of educational needs by providing undergraduate in Science and Arts, and postgraduate, doctoral programs in Science.

The college boasts a team of motivated, dedicated, and qualified faculty members across all disciplines. The steadfast support from the Management has been instrumental in the institute's development. While the institution has made significant strides with its existing infrastructural facilities and academic programs, there is a recognized necessity for ongoing development, initiation, and alignment of academic offerings with future prospects.

Recognizing that development and growth are continuous processes, the institute undergoes periodic reviews to analyze and modify its approach in alignment with future perspectives. The perspective plan is meticulously crafted, considering factors such as growth, requirements, employability, and the sustainability of the learners.

Vision and Mission

Motto

II पढमं णाणं तओ दया II

“First knowledge then Pity”: Through the knowledge, the emotion of pity arouses in the mind of a person.

Vision

- To achieve academic excellence by imparting quality teaching learning, research, co-curricular and extra co-curricular activities.
- To develop socially responsible citizens with ethics and moral.
- To offer rural youngsters with a value based and skilled oriented education that would empower them to develop self sufficient

Mission

- To aspire and strive for excellence in science education by developing and sharing the intellectual and human potential to students and stakeholders.
- Our mission is to provide excellent educational infrastructure and academic ambience conducive to higher learning by setting up center of excellence and instill a sense of ethics among the students.
- To develop as an excellent institute of higher education, ensuring a conducive environment for teaching, learning and research by supporting the efforts, qualities and skills of students grooming them into socially responsible, globally competent and excellent human resources.

The institution conducted a thorough review of its entire journey and accomplishments, aligning them with the established vision and mission statement. Following a year of preparatory efforts, which included gathering suggestions and engaging in discussions with alumni, students, and faculty, along with a comprehensive SWOC (Strengths, Weaknesses, Opportunities, Challenges) analysis. Shri Anand College, Pathardi, is poised to present its Strategic Plan for the upcoming five years, covering the period from 2022 to 2027. The plan, centered on fostering growth and development, was formulated by the Internal Quality Assurance Cell (IQAC) on 15th March 2023 and was presented at the College Development Committee (CDC) meeting on 24th April 2023 for deliberation and approval.

The commencement of this perspective plan document involves presenting an Executive Summary, which succinctly highlights the envisioned progress of the institution in the future. The plan delineates actions intended to address and propel the institution's development. Formulated through discussions with stakeholders, the Perspective Plan outlines the envisioned future, projecting into 2027, and articulates the Goals and Strategies that will guide the institution towards realizing that future.

About the College

1. Name and address of the college:

Name: Shri Tilok Jain Dnyan Prasarak Mandal's,
Shri Anand College, Pathardi.

Address: Near Tehsil Office, Ahmednagar road, Pathardi, Dist. Ahmednagar

City: Pathardi, Dist. Ahmednagar, MS, India, Pin-414102

Website: <http://www.shrianandcollege.com/>

2. For communication:

Name	Designation	Telephone No.	Mobile No.	Email-ID
Dr. Sheshrao Pawar	Principal	O: 02428-295354	9423465305	sbpawar1_prin@rediffmail.com
Dr. Pratik Nagwade	IQAC Coordinator	O: 02428-295354	9028037525	pratik.nagawade@gmail.com
Dr. Dhiraj Bhavsar	NAAC Coordinator	O: 02428-295354	9566839683	bhavsardv@gmail.com

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

4. **Type of Institution:** Co-education

5. **Financial Status:** Grant in aid

6. Details of UGC recognition:

Under section	Date, Month & Year	Remarks
2(f)	10 th September 2002	UGC Letter No. F.8-4/99(C.P.P.-I) Dated 10 th September 2002
12(B)	8 th October 2003	UGC Letter No. F.8-4/99(C.P.P.-I) Dated 8 th October 2003

7. Location and area in sq. meters of the campus:

Location	Sq. mtr.	Sq. ft.
Campus area	109265 (27 Acres)	1176118.67
Built up area	3134.17	33736.47

8. Details of programs offered by the college (2022-23)

Sr. No.	Program level	Name of the program	Duration	Entry qualification	Sanction strength	Admitted students
1.	UG	B.A.	3 years	HSC	360	192
		B.Sc.	3 years	HSC	372	286
2.	PG	MSc Org. Chem.	2 years	B.Sc.	24	24
3.	Ph.D.	Chemistry	3 years	M.Sc., SET/NET/PET	36	10
		Physics	3 years	M.Sc., SET/NET/ PET	08	04
		Botany	3 years	M.Sc., SET/NET/ PET	10	05
4.	Certificate courses	Skill-based certificate courses	-	B.Sc./M.Sc.	--	-

9. Details on student's enrollment in the college during the current academic year- 2022-23:

Level	Year	No of seats sanctioned	No of Students Enrolled
UG	F.Y.B. Sc.	132	128
	S.Y.B. Sc.	120	90
	T.Y. B. Sc.	120	68
	F.Y.B.A.	120	99
	S.Y.B.A.	120	59
	T.Y. B.A.	120	34
PG	M.Sc. I (Org)	24	24
	M.Sc. II (Org)	24	24
Ph.D.	-	54	19
Total No of Students			526

10. List of Departments:

Particulars	UG	PG	Research
Arts	4	0	0
Science	2	1	3

11. Number of teaching and non-teaching positions in the Institution:

Positions	Teaching faculty						Non-teaching staff	
	Professor		Associate Professor		Assistant Professor			
	M	F	M	F	M	F	M	F
Sanctioned by the University / State Government	4	0	5	1	7	1	9	-
Sanctioned by the Management/society	-	-	-	-	9	3	2	-
Total	4	0	5	1	16	4	11	0

12. Qualifications of the teaching staff:

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	M	F	M	F	M	F	
Permanent teachers							
D.Sc./D.Litt.	1	-	-	-	-	-	1
SET/NET	3	-	2	-	3	-	8
Ph.D.	4	0	5	1	6	1	17
M. Phil.	-	-	-	-	3	-	3
Temporary teachers							
SET/NET	-	-	-	-	4	1	5
Ph.D.	-	-	-	-	3	-	3
M. Phil.	-	-	-	-	2	-	2

13. Date of accreditation:

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	C ++	68.70	2004	03/05/2004	02/05/2009
Cycle 2	B	2.51	2014	21/02/2014	20/02/2019
Cycle 3	B ++	2.84	2022	18/10/2022	17/10/2027

SWOC ANALYSIS

College Status Overview:

A thorough examination of the institute operations has yielded a comprehensive understanding of its strengths, weaknesses, opportunities, and challenges. The following points outline the current status:

Institutional Strengths:

1. Minority College provides higher education to rural students.
2. Supportive management with a strong reputation and significant societal trust.
3. Serving the socio-economically deprived since 1991 as the oldest Science college for higher education in the region.
4. Trust from government organizations, non-governmental organizations, and social bodies.
5. Promotion of girl education with a substantial number of female students.
6. Active Research activities, students also are engaged in research related activities.
7. DST-FIST sponsored college.
8. Faculty have been participating in National and International seminars and conferences as well as publishing research work in recognized journals.
9. Adequate infrastructure facility.
10. Well qualified staff, good result tradition encouragement to the faculty for acquiring higher qualifications.
11. Extra facilities for slow learners.
12. Provision of Earn and learn Scheme for Economically Backward Students.
13. Regular remedial coaching is provided to a weaker section of students.
14. ICT enabled teaching-learning.
15. Skill based certificate courses
16. Effective feedback system.
17. Integration of artistic and cultural performances to connect with culture and traditions.
18. Various initiatives, including a green & energy audit to improve the college environment.
19. Emphasis on sustainability and maintaining a green & plastic free campus.
20. Well-structured calendar of activities.
21. Outstanding achievements by alumni.

Institutional weakness:

1. Inadequate or insufficient accommodation options for female students.
2. Nonexistent of interdisciplinary academic programs.
3. Inadequate infrastructure.
4. Insufficient digital resources and technology for a modern, accessible library.
5. Insufficient funds from the State Govt. for recurring and maintenance expenses.
6. The generation of funds has been limited to run a self-financing course.
7. A considerable number of the teaching staff members are paid by the administration.
8. A rural area designated as a non-industrial zone with insufficient connections to industrial activities & linkages.
9. Less no of programs conducted.
10. Socio-Economic background of the students.
11. Limited research Limited consultancy & linkages.
12. Partial office automation.

Institutional opportunities:

1. Establishing research centers across various disciplines.
2. Providing residential facilities specifically for female students.
3. Undertaking infrastructure renovations for improved facilities.
4. Collaborations with nearby reputed industries and research organizations.
5. Scope for generation of more funds.
6. Pursuing excellence through digital initiatives.
7. Strengthening ties with institutes that demonstrate superior performance.
8. Securing additional support from alumni.
9. Expanding interest in academic programs and cultural activities.
10. Fostering and promoting the inherent artistic talents of students.
11. Bridging the gap between curricular offerings and societal interests.
12. Conducting outreach activities involving local schools in the area.
13. Implementing provisions for online education.
14. Developing comprehensive policies and procedures governing academics, research, and extension activities.
15. Mobilizing resources through Public-Private Partnerships.
16. Establishing a dedicated platform for placements and training opportunities.
17. Striving to attain the status of a College with Potential for Excellence.

Institutional Challenges:

1. Entry of MOU with Foreign Universities
2. Multiple compliance requirements time lines affecting Teaching & research
3. Possible financial crunch
4. Retention and recruitment of faculty

EXECUTIVE SUMMARY

In 1991, the Shri Tilok Jain Dnyan Prasarak Mandals, Pathardi, founded the Shri Anand College in Pathardi with the aim of providing education and nurturing generations of knowledgeable students. Over the years, the institution has maintained a tradition of producing exceptional students who have contributed significantly to various fields. The current students continue to uphold the standards of excellence. Celebrating 32 years of successful operation, Shri Anand College, Pathardi, aspire to further development and excellence in academics, research, and outreach through innovative initiatives. The institution proudly presents a comprehensive five-year Perspective Plan, a result of thorough discussions among the Heads of Departments and the Internal Quality Assurance Cell (IQAC). This plan has received approval from the College Development Committee (CDC) and the Governing Body of the institute. Shri Anand College, Pathardi has consistently demonstrated excellence in academics and extension activities at both the university and state levels. The college and its faculty members have been honored with awards across various categories, underscoring their dedication and impact. The recognition of the college across diverse segments of society is primarily built upon its academic initiatives.

Objectives of perspective plan:

1. Establishing a continuous quality system through intentional, determined, and systematic actions.
2. Cultivating an academic environment characterized by sincerity, discipline, and commitment.
3. Nurturing individuals to become responsible citizens of the Nation.
4. Aiming to become a model institution for delivering quality education.
5. Building and promoting the global brand image of the college.

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

1. Foster a teaching-learning process that centers on the learner and is effective.
2. Sustain high levels of academic performance.
3. Ensure transparency and credibility in the evaluation process.
4. Establish a comprehensive system for student mentoring and support.
5. Cultivate a research-oriented culture within the institute.
6. Launch skills development programs to enhance students' employability.
7. Encourage students towards self-employment and empower them to become enterpriser.
8. Establish a friendly and efficient administrative setup to facilitate smooth operations.
9. Provide faculty with the knowledge of emerging trends in their profession for academic advancement.

The proposed plan for academic development and sustainable growth:

1. Establishment of Research Centre:

The college proposes to start a research centre in Chemistry & Physics. Our aim is to provide students with opportunities for research exposure and training in various research methods and techniques. These centers will be designed to operate as integrated units, contributing significantly to the overall development of students on a broad scale.

2. Research Projects:

We plan to offer faculty members chances to participate in research endeavors spanning various domains, encompassing interdisciplinary research as well. This initiative aims to encourage enterprise and foster a scientific culture among stakeholders. Additionally, the college aims to provide seed funding to support emerging researchers in establishing their research credentials.

3. Research Publications and Patents:

The college is actively encouraging researchers to achieve high-quality results in terms of research publications and patents. Financial support will be provided to researchers for publishing research articles in well-reputed journals recognized by the University Grants Commission (UGC), as well as for securing patents.

4. Collaborations /Linkages with other Institution:

we aim to foster connections and collaborations between our college and institutions, specifically in the realms of education, research, and training. Such collaborations will facilitate the exchange of resources and expertise across diverse fields. Through these partnerships, we envision conducting research and training activities, seminars, conferences, and development programs.

5. Vocational Education and Training:

We intended to launch new degree programs focused on entrepreneurship training for students. The establishment of infrastructure facilities dedicated to skills training is also in the planning stage. We are preparing to submit a Detailed Project Report to the Rashtriya Uchchar Shiksha Abhiyan (RUSA) under the Government of Maharashtra (GoM).

6. Renovation of Infrastructure:

The College infrastructure facilities are currently sufficient, there is a need for renovation to uphold cleanliness and ensure an optimal learning environment. We have devised a plan to secure the required funds from the institute for this purpose.

7. Coaching Centre for NET-JRF, SET, GATE:

The college is aspiring to establish a center that will provide guidance to students, aiding them in successfully clearing competitive examinations related to their subjects. This endeavor aims to enhance their competency and enable them to pursue advanced studies, including Ph.D.

8. Skills oriented short term certificate courses:

We aspire to provide short-term certificate courses to students, fostering the development of a range of skills that will enhance their employability. These courses will be delivered by experienced faculty and industry professionals, imparting valuable knowledge and expertise.

9. Environment and Green Audits:

The college intends to carry out a comprehensive green and environmental audit of its natural resources. This audit will encompass areas including air quality, energy efficiency, water conservation, waste management, as well as daily operations and maintenance. The audit process can be facilitated by engaging the services of a professional agency.

10. e-learning resources and strengthening of ICT facilities:

The college is committed to enhancing e-learning resources for students by utilizing online platforms for virtual teaching and learning. Information and Communication Technology (ICT) facilities will be bolstered, incorporating ICT-enabled classrooms, smart classrooms, virtual classrooms, and ICT tools to enhance the effectiveness of the teaching-learning process. The college is keen on implementing the flipped classroom model to maximize the benefits of Teaching Learning Pedagogy (TLP), utilizing these tools for curriculum delivery and evaluation processes.

11. Enhancement of Library Resources, E-books, and Digital Libraries:

To accommodate the growing number of learning resources, the college library necessitates additional space for maintenance. We are planning to implement an e-Library facility, encompassing a vast collection of e-books and e-journals for reference purposes. This facility will enable students to remotely access a wide range of books and reading materials through computer networks. We will utilize services such as INFLIBNET. The college also intends to actively participate in the National Mission on Education through ICT by contributing to e-content development.

12. Faculty Training and Development:

The training and development of faculty members constitute a significant goal for our college. In addition to teachers participating in Orientation Courses, Induction Programmes, and Refresher Courses, specialized training in specific areas of interest is deemed essential. This includes training in the utilization of audio-visual aids, the enhancement of communication skills, software development, institutional image building, and public relations, among other areas.

13. Academic & Administrative Audit (AAA) and Annual Quality Assurance Reports (AQAR):

Conducting an academic audit serves as a crucial mechanism for scrutinizing the processes and procedures employed by faculty members within their department to deliver high-quality education. It aims to see the effective measures implemented by departments for the successful execution of activities. The academic audit specifically emphasizes the strategies employed by a department to ensure the provision of quality education, rather than focusing on the actual teaching methods. Moreover, it involves an analysis of ways to enhance students learning. The results of this assessment are documented as part of the Annual Quality Assurance Reports (AQAR), which are

subsequently submitted to the National Assessment and Accreditation Council (NAAC) within the prescribed time frame.

14. Rainwater Harvesting:

The Pathardi tehsil is situated in the hilly and drought-prone region of Ahmednagar district, experiencing limited rainfall. To address the water requirements essential for the college's seamless operations and plant irrigation, we consistently engage in rainwater harvesting. The college aspires to augment its water sources by expanding rainwater harvesting efforts, particularly from the runoff of hostel buildings, and by recycling treated wastewater.

15. Strengthening of characterization Centre:

We have initiated a characterization center for PG and research scholars, offering access to various analytical techniques. The college aims to further develop this initiative by integrating advanced instrumental facilities.

16. To enhance the Competitive Exam Center for Students:

The college strives to strengthen a Competitive Examination Center, aiming to furnish academic support to students in Maharashtra who aspire to pursue a career in administration through successful participation in MPSC & UPSC Services Examinations. The ultimate goal is to raise awareness and cultivate interest among students in Civil Services, thereby inspiring the youth in Maharashtra to pursue such services.

17. Career Guidance and Placement Cell:

The college has diligently worked towards offering career guidance to students through informative sessions conducted by faculty members, industry professionals, renowned experts, and entrepreneurs. Additionally, the college has facilitated placement opportunities in various industries through both on-campus and off-campus drives. As part of our ongoing efforts, we plan to reinforce the cell by appointing a dedicated faculty, aiming to strengthen connections and improve placement outcomes.

18. Digital Transformation of the College Campus:

The HEI embraces modern technology to facilitate the seamless and effective operation of various college departments. The integration of modern technology is envisioned to enhance connectivity, expedite processes, and ensure precision in the overall functioning of the college. This approach aims to guarantee accuracy in document

preparation, report generation, and document retrieval.

19. Documentation and Record-Keeping:

Maintaining records related to notable alumni, faculty members, administrative progress, examination records, and other pertinent information is crucial for future reference. This requires the digitalization of records, employing techniques such as microfilming and the use of digital storage devices.

20. Improvement of the College Website:

The institution's website functions as a means of continuous communication with stakeholders and a platform for showcasing the college projects, initiatives, and activities. Regular updates and enhancements to the college website are essential.

21. Online Feedback System:

The college intends to implement an online feedback system to gather input from stakeholders on aspects such as curriculum, facilities, teaching-learning, research and extension activities, and services.

The effective implementation of the Perspective Plan depends on the endorsement and assistance from management, educators, administrative staff, alumni, supporters, and students.

Development Plan

2022-2027

1. Professional Growth for Faculty:

The college has been actively engaging in initiatives to enhance the knowledge and capabilities of faculty members. This is achieved by supporting their involvement in a range of programs, including;

- Orientation, refresher, and induction programs.
- Interdisciplinary initiatives.
- Training sessions, special leave for pursuing higher qualifications, teacher exchange programs, and involvement in research projects.
- Participation in conferences, seminars, workshops, etc.
- Ensuring timely promotions for teaching staff.

2. Addition of New Courses:

PG Courses:

To meet the changing needs of students and prepare them for global challenges, we plan to launch new courses, including M.Sc. Analytical Chemistry.

Short Term Courses:

In order to enhance students' competence in emerging fields and technologies and to introduce them to cultural traditions, we are suggesting the introduction of short-term courses in the following areas:

- Soft Skills
- Computer Literacy and Advanced Computing
- Advanced Analytical Instrumentation

3. Organization of Seminars and Workshops

To create a unified platform for academicians, researchers, industry professionals, and students, the college will host the following events.

National level conference/ Seminar in:

1. Life Sciences
2. Chemistry
3. Mathematics

State level seminar in:

1. English, Politics, Marathi
2. Chemistry, Life Science

3. Mathematics

4. Library Science

4. Community Engagement Initiatives:

To instill a sense of social responsibility in students, the college will undertake the following community-based programs:

1. Talk and Exhibitions for Popularizing Science.
2. Workshops focusing on Value Education and Human Rights.
3. Talks and workshops providing guidance on environmental awareness.
4. Visits and guidance talk at NSS camps addressing social media awareness.
5. Campaigns promoting health awareness.
6. Initiatives for Women Empowerment.
7. Events highlighting Constitutional Obligations and Inclusiveness.
8. Training programs, including computer and other skills, for non-teaching staff.
9. Active involvement in disaster management campaigns during natural calamities.

5. Career Development and Placement Services:

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

1. Strengthen the Placement cell by appointing a dedicated faculty.
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. Strengthen the competitive examination cell.
6. Organize workshops for interviews and offer soft skill training courses.
7. Effective communication and Interactions with Industries.

6. Promoting the development of relationships among students, parents, and teachers:

Fostering a positive connection with parents involves implementing the following initiatives:

1. Organizing parent meetings to introduce new courses.
2. Conducting mid-semester parent meetings.
3. Soliciting feedback from parents.
4. Encouraging parental participation in special event celebrations.
5. Recognizing and honoring parents of high-achieving students and those with outstanding academic performance.

7. Assessment of Teachers by Students

In higher education, the evaluation of teachers can occur at multiple levels, including the course unit, course module, semester, academic year, subject, entire program (undergraduate, postgraduate), department, and faculty/discipline, or even at the institutional level. The college has established a transparent, actionable, and user-friendly feedback system for this purpose. This approach aims to enhance the teaching and learning process, with online feedback being collected, analyzed, and utilized for continuous improvement.

8. Alumni Engagement and Leadership Development Programs:

To foster leadership qualities in students, the college will concentrate on the following areas annually:

1. Students will organize various events and class programs to instill confidence among their peers.
2. Guidance talks and workshops will address issues such as personality development, soft skills, and conversational abilities.
3. Celebrations of National days and events, along with competitions focusing on core values, will be organized.
4. Eminent personalities and high-profile officials will deliver guidance talks to help students develop a clear vision.

Additional initiatives include:

- Alumni Guidance Talks and Series: Success stories shared by alumni to inspire students.
- Alumni-conducted workshops.
- Alumni activities expressing gratitude towards the college and staff.

9. Research and Extension:

To enhance the research culture, the following initiatives are suggested:

Research Culture:

- Organizing research competitions.
- Undertaking short-term research projects.
- Conducting scientific surveys.
- Pursuing major/minor research projects with funding agencies.
- Participation in AVISHKAR events.
- Attending conferences/seminars, etc.

- Hosting conferences/seminars, etc.
- Publishing research papers.
- Offering research methodology/training workshops for teachers.
- Establishing new research centers and fortifying existing ones.
- Establishing connections with reputable industries and institutions.
- Engaging in collaborative research.
- Filing patents.

Extension Activities Proposal:

- Conduct guidance talks for high school students.
- Conduct eco-friendly Ganesh-idol workshops for primary & secondary school students.
- Tree plantation
- Undertake scientific surveys through NSS and student welfare initiatives.
- Implement special activities focusing on nation-building themes.

10. Infrastructure Enhancement:

Considering the proposed courses and activities, the following improvements in infrastructure are essential:

Laboratories:

- Establishment of a Central Instrumentation Facility.
- Expansion of space for Physics, Chemistry, and Zoology labs.
- Renovation and additional furniture for both existing and newly proposed labs.
- Implementation of Virtual Classroom/Laboratory facilities.

Classrooms:

- Introduction of Virtual Classrooms.
- Provision of new classrooms equipped with whiteboards for ICT lectures.

Equipment:

Incremental enhancement of research equipment.

- XRD
- HPLC
- Spin Coater
- Computers-5
- Printers-Epson -M100-2
- Antivirus software-20
- Origin Pro software-1

- Installation of inverters

10. Optimal Utilization of ICT in TLP (Teaching-Learning Process):

- Creation of Power-Point presentations (PPTs) and E-content, followed by uploading on both college and university websites.
- Integration of MS-Excel into the teaching and learning system.
- Application of Chemistry software tools such as Chems sketch, ChemDraw, Origin, and NMR Tutor.
- Provision of E-books, E-journals, and E-databases for student access.

11. Strategy for Securing Additional Financial Assistance

The college intends to seek further financial support for research and various facilities through the following measures:

Submission of funding applications to agencies such as UGC, SPPU, DST, RUSA, etc.

Exploring financial aid schemes provided by state and central governments in accordance with their respective guidelines.

12. Primary Suggested Actions:

- Enhance and expand infrastructure.
- Acquire necessary equipment.
- Obtain computers and related peripherals.
- Create extensive resources to support fieldwork, internships, and global engagements, thereby enriching the overall graduate experience.

13. 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.

Date: 15 /03/ 2023.

Place: Pathardi