



6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities.

INDEX

S. N	Strategies of IQAC	PAGE NO
1	Vision and Mission	02-04
2	Admissions	05-06
3	Faculty Quality	07-08
4	Result Analysis	09-10
5	Admissions For Higher Studies	11-12
6	Placement Quality	13-14
7	ISO Quality Initiative	15-16
8	Quality of Research publication	17-18
9	CO assessment and attainment Process	19-20
10	PO assessment and attainment Process	21-22
11	Value added courses	23-24
12	Volumes/Books published/Reviewed/edited	25-25
13	Patents Filled/Published/Granted	26-26
14	No of Collaborations	28-28





1. INSTITUTIONAL VISION AND MISSION

Avanthi Institute of Pharmaceutical Sciences was founded in 2007 with the goal of providing high- quality education for a better society by the AVANTHI EDUCATIONAL SOCIETY. The institution takes pride in providing a wide range of academic programs, which includes B. Pharmacy, Pharm. D and M. Pharmacy. These programs are all intended to give students the knowledge and abilities they need to succeed in their chosen fields.

Our Quality Policy aims to achieve global standards of quality in all of our operations, including teaching, research, consulting, and continuing education. It also upholds accountability in our core and support functions by applying self-evaluation and continuous improvement approaches.

We are pleased to declare that AIPS stands for exceptional education as well as all-encompassing growth. By means of its unwavering commitment to delivering top-notch instruction, encouraging industry cooperation, and maintaining human values, the establishment continues to shape the next wave of leaders and innovators.

VISION

TO DEVELOP HIGHLY SKILLED PROFESSIONALS WITH ETHICS AND HUMAN VALUES.

MISSION

WE ARE COMMITTED TO PROVIDE A POSITIVE AND PROFESSIONAL LEARNING ENVIRONMENT WHERE ALL STUDENTS ARE INSPIRED TO STRIVE FOR EXCELLENCE IN ORDER TO ACHIEVE THEIR POTENTIAL AS DIGNIFIED AND COMPETENT PHARMACISTS, TECHNOLOGY INNOVATORS, MANAGERS AND LEADERS IN A GLOBAL SOCIETY THROUGH A COHESIVE NETWORK FOR THE PARENTS, STUDENTS, COLLEGE STAFF AND INDUSTRY.

QUALITY POLICY

IMPARTING QUALITY EDUCATION AND TRAINING DEVELOPING STUDENTS WITH A DISCIPLINED AND INTEGRATED PERSONALITY FACILITATING FACULTY AND SUPPORTING STAFF TO UPDATE THEIR KNOWLEDGE AND SKILLS TO MATCH THE INDUSTRIAL AND TECHNOLOGICAL DEVELOPMENT.





DEPARTMENT OF PHARMACY VISION AND MISSION

VISION

OUR VISION IS TO BECOME THE PLACE WHERE PHARMACY PRACTITIONERS, RESEARCHERS, TEACHERS, AND STUDENTS CAN GO TO BE EMPOWERED TO CHANGE HEALTH CARE AROUND THE WORLD.

MISSION

OUR MISSION IS TO ADVANCE CLINICAL AND RESEARCH INITIATIVES TO ENHANCE HEALTH OUTCOMES WHILE TRAINING THE NEXT GENERATION OF CREATIVE, COOPERATIVE PHARMACISTS AND HEALTH SCIENTISTS.

DEPARTMENT OF PHARMACY PRACTICE VISION AND MISSION

VISION

AIPS VOWED TO PROMOTE AN ACADEMIC SETTING THAT ENCOURAGES STUDENTS' FUTURE-DIRECTED GROWTH IN PRACTICE, RESEARCH, EDUCATION, AND SCHOLARLY PROJECTS, AS WELL AS TO HELP STUDENTS BECOME PROFESSIONAL PHARMACISTS FOR CLINICAL RESEARCH IN HOSPITALS AND COMMUNITIES.

MISSION

TO DEVELOP HIGHLY SKILLED, PATIENT-FOCUSED PROFESSIONALS WITH EXCELLENT MORAL PRINCIPLES WHO CAN ADAPT TO THE EVER-CHANGING NEEDS OF THE HEALTHCARE INDUSTRY.





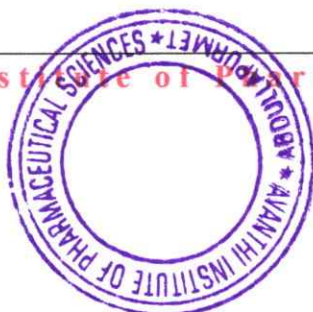
2.ADMISSIONS

S. No	PROGRAM NAME	NO. OF STUDENTS ADMITTED
1	B PHARMACY	104
2	PHARM D	32
3	MPHARMACY	26
TOTAL		162

ASSESSMENT:

Strengths:

- 1. Academic Reputation:** Avanathi Institute of Pharmaceutical Sciences maintains a strong academic reputation, attracting high-caliber students seeking quality education in pharmaceutical sciences.
- 2. Infrastructure Facilities:** The institute is home to cutting-edge facilities, well-stocked labs, and contemporary classrooms that provide a supportive learning atmosphere for students.
- 3. Experienced Faculty:** The faculty members at Avanathi Institute of Pharmaceutical Sciences are highly qualified and experienced in their respective fields, contributing to the academic excellence of the institution.
- 4. Placement Opportunities:** The institute has a commendable track record of providing placement opportunities for its graduates, ensuring that students are well-prepared for their professional careers.
- 5. Research and Innovation:** Avanathi Institute emphasizes research and innovation, encouraging students to engage in cutting-edge projects and contribute to advancements in pharmaceutical sciences.
- 6. Industry Collaboration:** Strong ties with pharmaceutical industries provide students with real-world exposure and opportunities for internships, enhancing their practical knowledge and employability.
- 7. Student-Centric Approach:** The institution follows a student-centric approach, focusing on holistic development by organizing workshops, seminars, and extracurricular activities that enrich students' overall educational experience.
- 8. Quality Assurance Mechanisms:** The Internal Quality Assurance Cell (IQAC) is actively involved in monitoring and improving academic and administrative processes, ensuring the institution's commitment to quality education.





Weaknesses:

It was observed that there is less admission in M Pharm course.

Recommendations for Improvement:

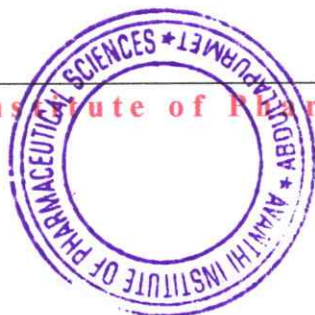
1. Establish a dedicated program to enhance students' communication skills, incorporating activities such as group discussions, public speaking sessions, and written communication workshops.
2. Regularly update the curriculum to align with industry trends, ensuring that students are equipped with the latest skills and knowledge demanded by the pharmaceutical sector.
3. Strengthen the existing student feedback mechanism, encouraging students to provide constructive feedback on their learning experiences and implementing necessary changes based on the feedback received.
4. Introduce initiatives to promote diversity and inclusion, fostering an environment that embraces students from diverse backgrounds and perspectives.

This report is subject to periodic review and updates by the IQAC cell to ensure continuous improvement.

Nth.

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3.FACULTY QUALITY

S. N	ACADEMIC YEAR	NO OF FACULTY WITH PhD	NO OF FACULTY WITH M Pharmacy	NO OF FACULTY WITH PharmD	NO OF FACULTY S & H	NO OF FACULTY WITH EXPERIENCE	
						≤ 9	≤ 6
1	2023-2024	07	29	07	03	16	30

*The faculty list is in Annexure-1

ASSESSMENT:

The faculty at Avanthi Institute of Pharmaceutical Sciences is a diverse and experienced group, contributing significantly to the academic environment. The assessment focuses on key aspects such as internal experience, gender distribution, educational qualifications, and age group.

1. Internal Experience: The average internal experience of the faculty is 6.5 years, showcasing a well-rounded team with a blend of seasoned educators and fresh perspectives.

2. Gender Distribution: Among the 45 faculty members, 21 are female, and 24 are male, emphasizing a balanced gender ratio within the institute.

3. Educational Qualifications: The faculty composition includes 07PhD holders, 07Pharm.D professionals, 28M.Pharm and 3 Science and Humanities.

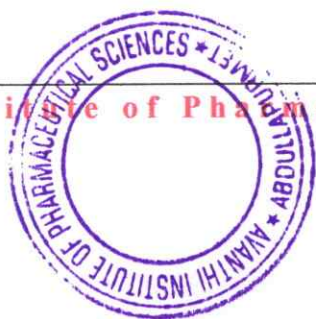
4. Age Group: The average age of the faculty is 35, indicating a dynamic mix of experienced educators and energetic young professionals.

Strengths:

1. Diversity in Qualifications: The presence of faculty with diverse educational backgrounds contributes to a multidimensional learning environment.

2. Gender Balance: The balanced gender distribution fosters an inclusive atmosphere, ensuring varied perspectives and experiences in teaching methodologies.

3. Young and Experienced Blend: The combination of seasoned professionals and younger faculty members enriches the teaching-learning process with a mix of traditional wisdom and contemporary insights.



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Weaknesses:

- 1. Limited PhD Holders:** While the institute has a commendable number of faculty with M.Pharm and Pharm. D qualifications, there is scope for enhancing the number of PhD holders to strengthen the research-oriented focus.
- 2. Age Distribution:** The faculty's average age being 35 suggests a relatively young team. While youthful energy is beneficial, ensuring a balanced distribution across age groups could bring more stability.

To ensure ongoing improvement, the IQAC cell will periodically review and update this report.

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4.RESULT ANALYSIS

FOR ACADEMIC YEAR 2023-2024

B. PHARMACY IV/II SEMESTER

No of students attended the examination = 90

SUBJECT WISE PASS PERCENTAGE

S. No	Subject Name	Pass %
1	Industrial Pharmacy-II	67.7%
2	Instrumental methods of analysis	84.4%
3	Novel drug delivery systems and regulatory affairs	74.1%
4	Pharmacy practice	75.5%
5	Quality control and Standardization of Herbals	80.0%

ASSESSMENT:

The Result Analysis and Success Pattern Report for Avanthi Institute of Pharmaceutical Sciences aims to provide insights into the academic performance of students during the 2023-2024.

Strengths:

- Identify strong academic areas.
- Recognize effective teaching methods and strategies.
- Acknowledge student participation and engagement.

Weaknesses:

- Highlight subjects or areas with lower pass rates.
- Identify any common challenges faced by students.
- Analyze teaching methodologies that may need improvement.

Recommendations:

- 1 Pedagogical Enhancements:
- Implement innovative teaching methodologies.
- Encourage more interactive and participatory learning.
- Introduce practical applications to theory





2 Remedial Measures:

- Conduct remedial classes for subjects with lower pass rates.
- Provide additional resources for students facing difficulties.
- Strengthen the mentoring system for individual attention.

3 Continuous Assessment:

- Promote regular assessments to gauge student understanding.
- Consider formative assessments to identify learning gaps.
- Provide timely feedback to students for improvement.

4 Faculty Development:

- Conduct workshops and training for faculty on effective teaching techniques.
- Encourage faculty to adopt modern teaching tools and technologies.

5 Student Support Services:

- Enhance counseling services for academic and personal support.
- Establish a peer mentoring system for collaborative learning.

6 Infrastructure and Resources:

- Ensure availability of required resources for practical subjects.
- Upgrade laboratories and libraries to meet the evolving curriculum.

The IQAC cell will periodically evaluate and update this report to guarantee ongoing improvement.


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5.ADMISSION FOR HIGHER STUDIES

Recommendations:

- 1. Enhanced Career Counseling:** Develop a robust career counseling program to guide students in making informed decisions about their higher education paths.
- 2. Infrastructure Development:** Invest in advanced research infrastructure to enhance the research capabilities of students, and encourage a greater number to pursue higher studies.
- 4. Alumni Engagement:** Leverage the alumni network to provide mentorship and guidance to current students, sharing insights into various higher education options and career paths.
- 5. Regular Training Programs:** Conduct regular workshops and training programs on higher education opportunities, application processes, and scholarship options.

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6.PLACEMENT QUALITY

S. No	Academic Year	Number of BPharm, M Pharm, Pharm D Final Year Students	Number of Students Placed	Placement Percentage
1	2023-2024	162	50	30

ASSESSMENT:

The Campus Placement performance at Avanthi Institute of Pharmaceutical Sciences is commendable, with a remarkable placement percentage of 71.2%. This success is attributed to the combine efforts of the students, faculty and the placement cell.

Strengths:

- 1.Accademic Excellence:** The institution maintains a strong focus on academic excellence, equipping students with the necessary knowledge and skills the demanded by the pharmaceutical industry.
- 2.Industry –Relevant Curriculum:** The curriculum is regularly updated to align with industry requirement, ensuring that students are well-prepared for the challenges of the pharmaceutical sector.
- 3.Proactive Placement Cell:** The placement cell at Avanthi Institute of Pharmaceutical Sciences plays a pivotal role in connecting students with leading pharmaceutical companies. Their proactive approach in organizing placement drives, workshops, and seminars has significantly contributed to the highest placement percentage.
- 4.Industry Tie-Ups:** Collaborations with renowned pharmaceuticals companies have provided students with exposure to real world scenarios, fostering a practical understanding of the industry.
- 5.Skill Development Initiatives:** The institution emphasizes soft skills, communication skills, and personality development, which are crucial aspects considered by employers during the recruitment process.

Weaknesses:

1. Enhanced Internship Programs: Strengthening internship programs can provide students with hands-on experience, making them more industry-ready and enhancing their employability.



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Recommendation

- 1. Enhance Industry-Connect Programs:** Strengthen industry-connect initiatives, such as internships, industrial visits, and guest lectures, to bridge the gap between academic knowledge and practical application.
- 2. Soft Skills Training:** Continue investing in soft skills training programs to ensure that students not only excel in their academic pursuits but also possess the essential interpersonal skills sought by employers.
- 3. Alumni Engagement:** Leverage the experiences and networks of alumni who have succeeded in the pharmaceutical industry to provide guidance, mentorship, and potential placement opportunities for current students

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7. ISO QUALITY INITIATIVE

Advancing Excellence in Pharmaceutical Education and Research through ISO Quality Standards

Objective: The primary objective of the ISO Quality Initiative is to establish a comprehensive quality management system that aligns with ISO standards, fostering a culture of continuous improvement, accountability, and transparency across all aspects of the institution.

Implementation Plan:

1. Form dedicated ISO Implementation Committee comprising representatives from various departments.
2. Conduct an initial gap analysis to identify areas of improvement.
3. Provide training and awareness programs for faculty and staff on ISO standards and quality management.
4. Conduct internal audits at regular intervals to assess compliance.


By adopting the ISO Quality Initiative, Avanthi Institute of Pharmaceutical Sciences aims to establish itself as a center of excellence in pharmaceutical education and research, setting a benchmark for quality in the field.

Recommendations:

IQAC members recommend applying for many such audits and qualifying Audits for obtaining standard ISO certificates in order to increase quality standards of the institute.


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AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

(Approved by PCI, AICTE & Affiliated to JNTUH)

Gunthapally (V), Abdullapurmet (M), R.R. Dist., Near Ramoji Filmcity, Hyderabad - 501 512.



Certificate of Registration

This is to Certify that
Quality Management System of

AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

SY NO. 230, GUNTHAPALLY ABDULAPURMET, RANGAREDDY - 501 512,
TELANGANA, INDIA.

has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

PROVIDING EDUCATION FOR UG AND PG STUDENTS.

Certificate No	: 23EQLW61	Issuance Date	: 31/05/2023
Initial Registration Date	: 31/05/2023	Date of Expiry	: 30/05/2026
1st Surve. Due	: 30/04/2024	2nd Surve. Due	: 30/04/2025



Demul..
Director

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8.QUALITY OF RESEARCH PUBLICATION

Number of research papers per teachers in the Journals notified on UGC website during last five years (2023-2024)

S. No	Academic Year	No of Journals Published	Is it listed in UGC Care list
1	2023-2024	31	yes

Overview:

Avanthi Institute of Pharmaceutical Sciences has published a total of 40 research papers within the assessment period. Out of these, 15 papers have achieved a high Scopus Index, indicating a commendable impact and visibility in the scholarly community.

Strengths:

High Scopus Index: The fact that 15 out of 40 papers achieved a high Scopus Index reflects the institute's commitment to producing impactful and quality research.

Diverse Research Topics: The research publications cover a broad range of pharmaceutical sciences, showcasing the institution's versatility and engagement with various facets of the field.

Collaborative Efforts: The presence of multiple authors on several papers suggests a collaborative research culture, promoting interdisciplinary approaches and knowledge exchange.

Weaknesses:

Limited International Collaboration: While there is evidence of collaboration among internal researchers, there seems to be room for increased international collaboration to enhance the global reach and impact of the research.

Publication Frequency: The total number of publications, while respectable, could be improved. Encouraging and supporting faculty to publish more frequently could contribute to the institution's academic reputation.



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Recommendations:

Encourage International Collaboration: Facilitate and incentivize collaborations with international researchers and institutions to broaden the scope and impact of research.

Promote Interdisciplinary Research: Encourage interdisciplinary research initiatives to address complex challenges and attract a wider audience.

Enhance Publication Frequency: Provide support and resources to faculty members to increase the frequency of publications, contributing to a more dynamic research environment.

Monitor Scopus Indexing Process: Establish a system to monitor and expedite the Scopus Indexing process to ensure timely recognition and dissemination of research contributions.

This report is subject to periodic review and updates by the IQAC cell to ensure continuous improvement.

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9.CO ASSESSEMENT AND ATTAINMENT PROCESS:

Direct attainment COs is determined from the performance in Internal Examination (IE) and External Examination (EE).

Course Outcome Assessment and Attainment:

Each subject has Course outcomes (COs). These COs can be mapped with POs & PSOs based on Intended Learning Outcomes and Performance Indicators given by PCI Examination Reforms. Each COs can be assessed using Direct assessment tools that reflect the knowledge level and skills of the students based on their performance in Continuous Assessment Test, Assignments, Tutorials, Concept Test, Rubrics etc. This Direct assessment is taken to attain individual Course Outcomes (COs).

CO Assessment and Attainment process:

The finalized CO-PO articulation matrix was taken and attainment level (Target) is fixed for each course as 2.3.

The Target was fixed by considering the class average marks obtained in SE of previous batch.

If a course is newly introduced in the curriculum, then the Target will be fixed as 60% by the concern faculty handling the course.

Each CO is assessed with the tools chosen by the course coordinators.

The attainment levels are set as given

Level 1	60% of Students scored equal or more than set attainment level (Target)
Level 2	70% of Students scored equal or more than set attainment level (Target)
Level 3	80% of Students scored equal or more than set attainment level (Target)





Attainment level is measured in terms of student performance in Continuous Assessment (CA) with respect to the Course Outcomes of the course in addition to the performance in the Semester Examination (SE).

The final attainment of each CO is measured by taking 25% of CA attainment levels and 75% of Semester Examination levels,

As per the regulation PCI, the normalization percentage will be considered for measuring the final attainment of each COs of a course. For theory courses 40% of CA and 60% of SE will be calculated. For Laboratory and Project courses 40% of CA and 60% of SE will be calculated.

The CO attainment for the course will be calculated by taking the average of all CO's final attainment value. If the Final Attainment of the Course outcomes are equal to the target, then all the course outcomes are attained else not attained.

If a course failed to attain the set attainment target, then action to be taken for continuous Improvement will be suggested by the course handling faculty.

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10. PO ASSESSMENT & ATTAINMENT PROCESS

Once CO-PO mapping of all the courses are completed, the cumulative average of mapping to all the PO and PSOs are analyzed and Set attainment target will be fixed for each PO and PSO

Through Direct Assessment tools, achievement of each PO and PSO will be calculated by taking the cumulative average of all the courses which contributes to each PO and PSO.

Through Indirect Assessment tools, achievement of each PO and PSO will be calculated by focusing the questionnaire in the survey forms and student portfolio which contributes to each PO and PSO.

The final PO attainment is calculated by taking 80% of PO and PSO achievement from Direct method and 20% of PO and PSO achievement form Indirect method.

The obtained values will be compared with the set attainment target fixed for each PO and PSO.

If the target is achieved, then the same process will be continued for further batches.

If the target is not achieved, then continuous improvement action will be taken for each PO and PSO.

The results of evaluation are discussed in PAC & DAB meeting. Based on the attainment, the improvements to be done are discussed among the members.

Continuous improvement action includes Action to be taken for improving the teaching learning process based on the attainment gap or by improving learning facilities or organizing programs to fill the attainment gap.

If both the above said actions will lead to no change in the attainment of PO and PSO, then curriculum/syllabus will be ratified/ revised and the same will be forwarded to Board of Studies for approval.

Types of suggestions for improvement action to be taken that can be implemented are, Assessment Plan.

Assessment Plan

- Revision of intended learning outcome statement
- Revision of measurement approaches
- Collection of and analysis of additional data and information
- Changes of data collection methods.





Academic Processes

- Changes in pedagogical practices (Innovative Teaching practices)
- Use of latest technology in course delivery
- Involving senior faculty members to handle difficult topics
- Inviting guest lecturers from academia and industry
- Revision of advising standards or processes


Curriculum

- Suggest modifications in Curriculum and syllabus if required.
- Value added courses, Bridge courses

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11. VALUE ADDED COURSES

Objectives of the Value-Added Course are:

- To provide students an understanding of the expectations of industry.
- To improve employability skills of students.
- To bridge the skill gaps and make students industry ready.
- To provide an opportunity to students develop their inter-disciplinary skills.

S. No	Academic Year	Number of value-added courses for BPharm Students	Number of value-added courses for M Pharm Students	Number of value-added courses for Pharm D Students	Total Number of value-added courses
1	2023-2024	06	06	06	6+1=07

Recommendations:

- Students will be prepared to work professionally in the organization after completing the course.
- Observable, precise, and quantifiable learning objectives are desired. Specific action verbs should be used instead of general ones. Thus, present new courses that meet the aforementioned prerequisites.





Value Added Courses for the Academic Year 2023-2024

Name of the Value-Added Courses
1. RESEARCH METHODOLOGY AND TOOLS USED IN RESEARCH METHODOLOGY
2. RESEARCH PAPER WRITING
3. HIGH IMPACT PUBLICATIONS
4. RECENT TRENDS IN HERBAL MEDICINES
5. HEALTH AND HYGIENIC
6. IMPORTANCE CHROMATOGRAPHY TE IN RESEARCH
7. IMPACT OF MEDICINAL PLANTS ON SOCIETY

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12. Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per Teacher during the year 2023-2024

S. No	Academic Year	No of edited Volumes/Books published	ISBN/ISSN number of the proceeding
1	2023-2024	02	978-81-970008-6-7 978-93-92153-85-3


Recommendations:

Publishing your thesis as an article or book can give it greater visibility and reach a wider audience than presenting it at a conference. This can be especially important if you are trying to establish yourself as an expert in your field or if you want to make a significant contribution to your field of study.

Periodically, the IQAC cell will evaluate and update this report to guarantee ongoing effectiveness.


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13.PATENTS FILLED/PUBLISHED/GRANTED

S. NO	NAME OF THE APPLICANT	APPLICATION NUMBER	STATUS	DATE
1	Dr.K.Balaji	Application No.202311046988A Page No 51825	Published	01-08-2023
2	Dr. Anudeep Velpukonda	Application No.202441023756 A. Page No 39415	Published	26/04/2024
3	Dr.T. Kavya			
4	Dr. CH. Pavani			
5	Dr. M. Swathi			
6	Mrs. Amrutham Sruthi			
7	Dr. Anudeep V	Application No.202441017030A. Page No 31625	Published	29/03/2024
8	Dr. CH. Pavani			
9	Mrs V. Kavitha			
10	Mr. D. Balu			
11	Mrs. Pitta Lavanya	408752-001		26/02/2024
12	Mr. P. Venkata Pavan Kumar.			





Recommendations:

- Ignore a broad patent too broad to challenge.
- Combine the technologies.
- Redirecting the efforts towards research.
- Get engaged with licensing.

To ensure ongoing improvement, the IQAC cell will periodically review and update this report.

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14. NUMBER OF COLLABORATIONS

S. No	Academic Year	No of MoU / linkage
1	2023-2024	23

Recommendations:

- To Provide space, facility and access to the hospital for the staff and students.
- To exchange information on research clinical care and health education with the clinical staff

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