



# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

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Cherukupally (Village), Chittivalasa (SO), Bhogapuram (Mandal), Vizianagaram -531162.

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## 6.5.2 Quality Assurance Initiatives of the Institution Include.

1. Regular meeting of Internal Quality Assurance Cell (IQAC) quality improvement initiatives identified and implemented.
2. Academic and Administrative Audit (AAA) and follow-up action taken.
3. Collaborative quality initiatives with other institution(s).
4. Participation in NIRF and other recognized rankings.
5. Anyother quality audit/accreditation recognized by state National or international Agencies such as PCI, AICTE, APSCHE, NAAC etc.

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**Over All Action Taken Report on Department wise Academic and Administrative Audit for Semester-I in the academic year 2022-2023**

As per the IQAC decision, Mr. V. Uma Sankar, issued a circular on 22-02-2023 and allocated responsibilities department wise to the below mentioned audit members. The auditors carried out the audit works successfully with the support of IAC coordinators and submitted the report to the IQAC Coordinator. Based on the reports issued by the auditors, the IQAC Coordinator developed an overall action taken report and submitted it to the principal.

| S.NO. | NAME OF THE DEPARTMENT          | AUDIT MEMBERS  |
|-------|---------------------------------|--|
| 1     | Department of Pharmacy          | SEM-I<br>Dr. M. Sowmya<br>Dr. B. Manoj Kumar         |
| 2     | Department of Pharmacy Practice | Dr. S. Arun Satyadev<br>Mrs. A. Hema Varaha Santoshi |

**Cos POs curriculum**

**1. Cos and POs attainment:**

- The COs and POs attainment as per the procedure established by observing, PCI regulations.
- As per the observation of the Audit committee, it is suggested to both B. Pharmacy & M. Pharmacy department to regularly conduct academic activities to strengthen POs. Thorough Tutorials/Assignments, which are to be given to the students and extra classes are to be conducted to give a thorough practice in aptitude questions solving to motivate students for the participation in higher education and final exams.
- For the Pharm.D department, suggestions like conducting study hours and special training classes have been made to strengthen POs.

**2. Stake holder's feedback related to curriculum design:**

- The audit committee has suggested Maximizing the exposure of B.Pharmacy students to new technologies based on the feedback of Alumni. The committee has further suggested that students should develop their communication skills to face the competition.
- The audit committee has suggested M.Pharmacy students to develop their Soft Skills and Technical Skills and their knowledge on latest tools and technologies. It has further suggested the department to organize guest lectures on promoting research culture to meet industry need.



  
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- The Pharm.D students need research exposure in core concepts and need to be more aware of advanced technologies and hospital training according to the audit committee.
- The audit committee has come up with the suggestion to provide more exposure industry needs and latest technologies for the Management students.

### 3. Action taken on Minutes of Meeting:

- Audit members were suggested to discuss some points and those points are to be implemented with its evidences for incorporate curriculum changes and advised to take required action.
- For M. Pharmacy department, it is observed that some prospect us are not implemented, so suggested to improve Faculty Research and publications and participations in FDPs, seminars, workshops etc.

### 4. Academic Flexibility:

- It is observed that there should be more academic flexibility for B.Pharmacy final years. The students should be given enough choice to choose elective subjects. The department has to allot faculty members to teach the electives. The electives should enable the promotion of advanced learning.

## I. Faculty information and their contribution:

As per department level, we are audit committee, audited department level of faculty details and we observed the following details:

### 1. Faculty experience and retention:

The eligible faculties with their deserved qualifications by different cadres of Assistant, Associate, and Professor Levels are appointed and further suggested to initiate the research works by registering Ph.D.in all the departments, to follow the regulations needed for student, teacher ratio.

**Department of Pharmacy: Faculty Availability: 39 Requirement: 0**

**Department of Pharmacy Practice: Faculty Availability: 14 Requirement: 0**

**Action taken:** It is found that all departments have sufficient faculty, IQAC committee suggested to all the departments to enroll in research work for further improvement of higher degree.

### 2. Faculty contribution in



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The committee has found that the faculty members of B. Pharmacy & M. Pharmacy and Pharm.D lack research exposure. Therefore, the committee has suggested that the faculty members have to actively pursue research work and publish books. The research work and publishing of books could enhance the knowledge and exposure of the faculty members. As per the opinion of the committee.

### 3. Faculty as resource persons in workshops/training activities:

It was found that, different training Programs, seminars, conferences, workshops, are conducted by all the core department faculties but found to be lag in civil, as the resource persons, so action plan is proposed to support research development for further innovative skills.

- **B.Pharmacy:** 2 Faculties are initiated as there source persons for 2 Training programs
- **M.Pharmacy:** Only one Faculty is initiated as the source person for Training programs
- **Pharm.D:** 2 Faculties are initiated as the source persons for 2 Training programs

**Action taken:** The IQAC committee members are given an advice to B.Pharmacy Department to conduct Training programs for non-teaching.

## II. Teaching learning process and evaluation:

1. **Student performances, Attendance, Exams:** The performances as well as attendance of students are monitored in semester wise regularly, based on that, the condonation lists and detention lists are maintained, we found to be satisfactory to improve the results.
2. **Mechanism and activities for slow learner's improvements:** Slow learners were identified from every department, so by verifying the documents supported, we advised to conduct extra-remedial and tutorial classes for them.
3. **Student counseling/mentoring mechanism:** The committee has suggested a student mentorship program for every twenty students, with a faculty mentor guiding them through all their academic and personal challenges for better outcomes.
4. **Review and evaluation of student projects:** By following the Performa of IQAC committee, best projects are initiated as per PCI guidelines by creating a corpus fund to support research activity, so it is satisfactory to some extent and we suggested the institution to provide best research facilities for further initiation of



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innovative projects.

- Teaching-learning process:** The Teaching-learning process has to be augmented through new insights and adopting better tools. As per the observation of the IQAC committee, the teaching- learning process has been found to be efficient through lectures, case studies, classroom participation, assignments, debates among teams on subjects, and by using audio visual teaching. It has been found that the best practices of providing course material to the students of all the departments are satisfactory.
- Monitoring of teaching process:** Monitoring process is found to be done by regular visits of the principal, through CC surveillance, and the syllabus coverage is tracked by maintaining track sheets. The evaluation of answer papers, the allotment of marks and the quality of mid-exam question papers is regularly checked by exam cell coordinator and the Principal. So, the report has found it satisfactory.
- Result analysis:** The percentage of results is found to be satisfactory in all departments. So further step is advised in the form of conducting remedial classes to improve the results for next academic semester.

| Department        | Branch  | Total strength | Number of Pass | Number of Fail | Pass percentage |
|-------------------|---|----------------|----------------|----------------|-----------------|
| Pharmacy          | B. Pharmacy   | 99             | 97             | 2              | 85%             |
|                   | M:Pharmacy (Pharmaceutical Analysis)                    | 15             | 15             | -              | 100%            |
|                   | M.Pharmacy (Pharmacology)                               | 09             | 09             | -              | 100%            |
|                   | M.Pharmacy (Pharmaceutical Technology or Pharmaceutics) | 11             | 11             | -              | 100%            |
| Pharmacy Practice | Pharm.D   | 24             | 24             | -              | 100%            |

- MOU's with industries for internship:** As we found that there are only few MOU's in departments so we suggested enhance the number of MOU'S.
- Student's feedback and follow up action:** On the basis feedback given by the students, it was decided to make the teaching process more practical oriented. Therefore, in audit report, we noted that there is lag of taking feedback in M. Pharmacy departments, so we suggested maintaining the student's feedback and follow up action.



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### III. Research consultancy and Extension:

- 1. Promotion of Research:** It was found that the faculty members have few publications in peer review journals. The institute is ready to contribute in every way to promote research activity among the faculty. So, the faculty members are advised to take up research activity more seriously.
- 2. Funded R&D projects and consultancy works:** its pleasure to note that the institute takes care of complete patent filing process as per national/international IPR guidelines & policies. R&D cell provides necessary eco-system/conducive-environment with infrastructure/expert support to staff to take-up in R&D consultancy and innovation. So, Staff of all the departments is suggested to be responsible for various R&D projects.
- 3. Incentives for faculty R&D:** It is satisfactory as the institute encourages the faculty, to enhance the research, by providing incentives for peer reviewed publications, consultancy works, writing books and filing up the patents.
- 4. MOU's with industries/R&D/Premier Institutes:** In this academic year, 08 MOU's with other industries and hospitals which are collaborated in a satisfactory note, to evolve a mutually productive frame work between R&D and academia to spur the design & development for exchange of knowledge and skill amongst students, faculty and researchers right from the stage of ideation and conceptualization.

**Action Taken:** Further, the institution is planning for some more MOU's for extensive utilization of knowledge in the next academic year.

**Research centers of excellence established:** It is identified that the Research Centre are motivated to focus on new and emerging technologies, multidisciplinary and translational research relevant to national development goals.

- 5. Skill development center established:** The institution is suggested to entrust with the mission of producing systematically trained instructors to meet the huge demand of various Industrial training. For next academic year, further action is taken to implement skill development courses for upcoming aspires

### IV. Infrastructure and Learning resources

- 1. Infrastructure facilities to improve teaching learning process:** New classrooms and laboratories with modem facilities have been set-up to aid the teaching-learning process. per the audit report, the Institute has a well-planned library and internet



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facility to cater to the needs of research scholars, with a facility of online journal/E-content journals that are available during the library timings. The faculty members and students are advised to make good use of the infrastructure for a better output. So, it is found to be satisfactory.

- 2. Internet facility for faculty and students:** It is found that, College is having 150 Mbps Internet connections and connected through Wi-Fi also to the central server are available for students for their project work and preparing seminar presentations. It also accesses toe books, study materials, previous question papers daily circulars. Further action is taken for the well-equipped internet lab, providing high speed of connectivity the student can surf the net together unlimited information
- 3. Technical and administrative staff support:** Technical and Administrative staff works in office support positions to perform a variety of office tasks. The institution proposed to appoint some more technical staff and lab assistants in B. Pharm, M. Pharm & Ph a r m . D for smooth handling of office tasks.
- 4. Department budget:** For budget and planning purposes, academic department activity typically occurs in their concerned department for managing the funds. So, it is flexible to enrich the needed sources.
- 5. Details of computing facilities and software:** It is proposed to provide open source computing platform for the students, staff and faculty in the departments of B Pharm, M Pharm and Pharm D of this Institute by providing support for conducting academic labs, training programs, short-term courses and technical workshops.

### V. Student information support and progression

- 1. Add-on courses:** It is found that, the objective of these courses is to provide an opportunity to do employment-oriented skill-based courses. So, in coming academic year, the number of Add-on-courses of all the departments. Further action is taken to ensure practical training, in its quality of skill- oriented manner and to aim at the development of skills for entrepreneurship.
- 2. Placement training:** As the IQAC committee members, we are giving an advice, to empower the students with values and professional skills to be placed in the appropriate field. Special communication development Training programs are conducted for the students of Pharmacy of all branches by leading training Institutes. The needed action is taken for further Individual counseling to make them understand the certainty of life and train them to work towards the goal.
- 3. Industrial visits and Internships:** The industrial visit has a very importance in a



  
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career of a student as a part of college curriculum. So, it is satisfactory, that the institution is aimed further to improve the theoretical knowledge for the successful professional career by going beyond academics with a practical perspective of the workplace.

## VI. Governance, Leadership and management

- 1. Teaching and non-teaching attended for skill development programs:** It is found that, the institution has effective welfare measures for all the staff members. The institution conducts quality improvement programs for faculty and training programs for non-teaching staff periodically. In order to improve the qualification of all departments, the institution initiated some enhancing programs to update their knowledge and faculty members are given academic leave or special leave to attend FDPS, workshops /Seminars/ Conferences/Industrial training programs organized by premier institutions.
- 2. Display of vision, mission and quality objectives at prominent places:** To impart quality education to the students coming from rural areas, some suggestions are given to enhance the academic as well as extension activities, curricular and co-curricular activities are conducted.
- 3. Staff and students attendance monitoring system:** Regular follow up of biometric as well as Attendance registers are maintained and found to have regular monitoring systems, further action is to be taken to improve the surveillance methods.
- 4. Financial support/leaves for qualification/skill up-gradation:** After verifying all the departments, the external and internal provisions such as financial incentives and leave facility are provided for the faculty in a full-pledged way, for upgrading their qualification and pursue research activities. The faculty members are encouraged to pursue research and upgrade their skills by promising better pay and working terms. These ed money for research activity is provided with the collaboration of the affiliated university. It has been suggested to extend the period of required maternity leave.
- 5. Risk evaluation/safety measures:** It is found that, fire extinguishers are maintained in all the prominent places and needed comers of college and still further action was taken for improvement.



  
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## CIRCULAR

### Internal Quality Assurance Cell (IQAC) ACADEMIC AUDIT (2022-2023)

To,  
The Principal

Date: 03-12-2022

Avanathi Institute of Pharmaceutical Sciences,  
Cherukupally,  
Near Tagarapuvalasa Bridge Vizianagaram-531162  
Sir/Madam

Sub: Requisition to all the IQAC members to audit the department wise academic audit work and submit to IQAC.

The members are informed to conduct the academic audit report for the academic year 2022-2023 as per the team given below and as per the schedule from 11<sup>th</sup> to 14<sup>th</sup> December 2022. On behalf of IQAC, I request the Principal to assign faculties for cooperating the academic audit work with team members.

From,

The coordinator of IQAC  
Avanathi Institute of Pharmaceutical Sciences,  
Cherukupally,  
Near Tagarapuvalasa Bridge Vizianagaram-531162

| S.NO. | NAME OF THE DEPARTMENT          | AUDIT MEMBERS   | Date       |
|-------|---------------------------------|---|------------|
| 1     | Department of Pharmacy          | SEM-I<br>Dr. M. Sowmya<br>Dr. B. Manoj Kumar            | 11-12-2022 |
| 2     | Department of Pharmacy Practice | Dr. S. Arun Satyadev<br>Mrs. A. Hema Varaha<br>Santoshi | 14-12-2022 |

Copy to:

The Principal office,  
The Members of IQAC

  
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IQAC Coordinator

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**ACADEMIC AUDIT REPORT (2022-2023)**

**DEPARTMENT OF Pharmacy**

**ACADEMIC YEAR: 2022-2023**

**DATE OF AUDIT: 11-12-2022**

**I SEMESTER**

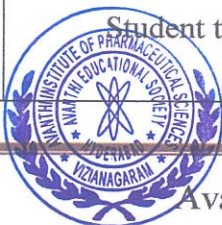
We, Dr. M. Sowmya Dr. B. Manoj Kumar were entrusted to carry out the audit work of department of B. Pharmacy by the IQAC. The audit work was carried out with the consent and the presence of the Head of the Department and Department coordinators. The overall internal audit report was prepared & drafted based on the Academic Information Including strengths, weakness, and opportunities. The report was duly submitted along with suggestions to the IQAC.

**1. COs, POs curriculum**

| S.NO. | CRITERION  | OBSERVATIONS   |
|-------|--|--|
| 1     | COs and POs attainment                             | CO's and PO's attainment calculated as per the procedure established by IAC and PCI  |
| 2     | Stakeholders feedback related to curriculum design | The audit committee has suggested Maximizing the exposure of students to new technologies based on the feedback of Alumni  |
| 3     | Action taken on Minutes of Meeting                 | Audit members were suggested to discuss some points and those points are to be implemented with its evidences for incorporate curriculum changes and advised to take required action |
| 4     | Percentage of Lab component                        | B.Pharmacy-(77.6%) 52/67 as per PCI syllabus<br>M.Pharmacy-(75%) 12/16 as per PCI syllabus   |
| 5     | Evidence of academic flexibility                   | B.Pharmacy- 2<br>M.Pharmacy- Nil   |

**2. Faculty information and their contribution**

| S.NO. | CRITERION             | OBSERVATIONS  |
|-------|-----------------------|---|
| 1     | Student teacher ratio | 20:1<br>39 faculty members are assigned to teach for 770 students |



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|   |   |   |
|---|---|---|
| 2 | Faculty cadre ratio Prof: Assoc:<br>Asst  | Professors:3<br>AssociateProfessor:28<br>AssistantProfessors:8 (Annexure:2.1) |
| 3 | Faculty Qualifications  | Doctorates: 03<br>Ph.D. Pursuing :02<br>M.Pharm: 21                           |
| 4 | Faculty experience and retention  | List faculty, qualifications, total experience is enclosed by annexure 2.2    |
| 5 | Faculty Contribution in writing:<br>--Books:<br>--Book chapters:  | 2   |
| 6 | Faculty in Professional bodies<br>Faculty contributions   | Nil   |
| 7 | Faculty as resource persons in<br>workshops/training activities   | Training and Program: 2   |
| 8 | International/national level events<br>organized<br>--Training Programs:<br>--workshops/seminars:<br>--FDP's:                             | Nil   |
| 9 | List of conferences/ seminars/<br>workshops/FDP's/ any exclusive<br>programmes attended for<br>enrichment of teaching-learning<br>process | FDP's: 28   |



  
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## 3. Teaching Learning Process and Evaluation

| S.NO. | CRITERION   | OBSERVATIONS  |
|-------|---|---|
| 1     | Student performances Attendance Exams   | List of students Detention and condonation are maintained.  |
| 2     | Mechanism and activities for slow learners improvements   | Slow learners are identified based on performance in Mid exams. Conducted extra classes for slow learners   |
| 3     | Student counseling/mentoring mechanism  | 20 students are allotted for each faculty member for better improvement of their academic results.  |
| 4     | Initiatives taken for innovative projects   | Nil   |
| 5     | Review and evaluation of student projects: Best Projects  | 5 Best projects are carried as per PRC guidelines   |
| 6     | Monitoring of teaching-learning process <ul style="list-style-type: none"><li>• Observation of teaching process in class rooms as per schedule.</li><li>• Tracking of syllabus coverage.</li><li>• Verification of evaluated answer papers.</li><li>• Checking the quality of mid examinations question papers.</li><li>• Innovative teaching methods presented.</li><li>• Verification of course files</li></ul> | <ul style="list-style-type: none"><li>• Regular visit by the principal</li><li>• CC surveillance as per schedule, the coverage of syllabus is strictly followed. by any consequences if there is any lag-on of syllabus extra classes will be conducted</li><li>• Track sheets are maintained to review Syllabus coverage.</li><li>• Evaluation of answer papers as per the allotment of marks</li><li>• Yes, the quality of mid-exam question papers is regularly checked by exam cell</li></ul> Coordinator and the Principal. <ul style="list-style-type: none"><li>• Interactive way of teaching</li><li>• Regular verification of Attendance</li></ul> |



  
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|    |   |  |
|----|---|--|
|    |   | Registers as well as the course files by vice principal<br><ul style="list-style-type: none"><li>• Minutes of meetings are regularly Conducted to discuss the matters that are related to Time Tables, academic planning and its facilities provided</li></ul> |
| 7  | Training programmes conducted for students<br><ul style="list-style-type: none"><li>• Guest Lectures</li><li>• Add-on courses</li><li>• Seminars/workshops</li><li>• Compliance of department academic calendar</li></ul> | <ul style="list-style-type: none"><li>• 2 Guest lectures are conducted for the Students to get aware of some core related subjects, which are presented by eminent resource Persons.</li><li>• Add-onCourses:06 Programs are Conducted for students</li></ul>  |
| 8  | MOU's with industries for internship  | Internship with other industries are done  |
| 9  | Students feedback and follow up action  | Needed action is taken up by students feedback   |
| 10 | Scope for self-learning<br><ul style="list-style-type: none"><li>• Certificate courses</li><li>• Online courses</li></ul>   | Faculty members were very instrumental in designing and developing 6 Add-on and Certificate course programs.   |
| 11 | Result analysis and conduct of remedial classes for students with backlogs  | <ul style="list-style-type: none"><li>• Based on the results of mid exams, remedial classes are conducted.</li><li>• Based on the results of main exams, backlog classes are conducted.</li></ul>  |
| 12 | Placements---(%):<br>Industries/organizations:  | 60%  |
| 13 | Higher Studies (%):<br><ul style="list-style-type: none"><li>• Institutions:</li></ul>  | Nil  |
| 14 | Student development activities:<br><ul style="list-style-type: none"><li>• Co-curricular</li><li>• Extra-curricular activities</li></ul>  | Students are participated both in co-curricular and extra-curricular activities  |



  
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## 4. Research consultancy and Extension

|   |  |   |
|---|--|---|
| 1 | Faculty Publications in journals:<br>Peer review journals:<br>Thomson Reuters Impact factor journals | Total No. of Publications: 13   |
| 2 | Publications in conferences:<br>National:<br>International:  | International: 13   |
| 3 | Percentage of Faculty contributing in Research Publications:   | 7 Percentage of faculty contributing in Research Publications                     |
| 4 | Ph.Ds Registered: Submitted:<br>Awarded:<br>Ph.D. guiding/guided                                     | Registered: 4 Submitted: 2 Awarded: 1<br>Guiding/Guided: Nil                      |
| 5 | Funded R&D projects and consultancy works:   | Projects are done and its evidences are enclosed                                  |
| 6 | Incentives for faculty R&D   | Incentives for faculty Research Publications as per HR Policy                     |
| 7 | MOU's with industries/R&D/Premier Institutes   | MOU's with industries/R&D   |
| 8 | Research centers of excellence established:  | Recognized as JNTUK Research center of excellence for the academic year 2022-2023 |
| 9 | Skill development center established   | YES, Skill development center established in collaboration with APSSDC            |



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# AVANTHI INSTITUTE OF PHARMACEUTICAL SCIENCES

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## 5. Infrastructure and Learning resources

| S.No | Criterion  | Observations  |
|------|--|---|
| 1    | Infrastructure facilities to improve Teaching learning process<br>Classrooms:<br>Laboratories:<br>E-classrooms:<br>Seminars:<br>Faculty rooms: | Classrooms:8<br>Laboratories:8<br>E-classrooms:1<br>Seminar halls:1<br>Faculty rooms:04 |
| 2    | Internet facility for faculty and students:  | Wi-Fi net is enabled  |
| 3    | Technical and administrative staff support   | 3 members of Technical and administrative staff support are available                   |
| 4    | Dept, Newsletters and Magazine   | Yes   |
| 5    | Department level library resources   | Yes   |

## 6. Student information support and progression

| S.NO | Criterion   | Observations  |
|------|---|---|
| 1    | Add-on courses  | Students were provided with six Add-on courses to enhance their knowledge and to increase the probability of job Placements |
| 2    | Student Publications: Dept. student E-Club:                                   | As per PCI Regulations each and every student has to publish atleast 1 paper has per their curriculum                       |
| 3    | Details for coaching provided for GATE/CRT/any other competitive examinations | External CRT classes are provided   |
| 4    | Industrial visits and Internships   | All the students are participated for internships and 1 industrial visit  |



Governance, Leadership and Management

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| S.NO | Criterion   | Observations  |
|------|---|---|
| 1    | Teaching and non-teaching attended for skill development Programs                     | Both teaching and non-teaching staff are attended for skill development programs for an academic year 2022-2023   |
| 2    | MOUs with premier institutions for knowledge exchange                                 | 10 MOUs And its documents were enclosed   |
| 3    | Display of vision, mission and quality objectives at prominent places                 | Yes   |
| 4    | Staff and students attendance monitoring system:<br>-Biometric: Attendance Registers: | Regular follow up of biometric as well as Attendance registers.   |
| 5    | Financial support/leaves for qualification/skill up-gradation:                        | Faculty members are sanctioned with Registration fees, TA and Academic Leave are also provide for attending conferences and workshops, extra leaves are as actioned for faculty who undergo for research submission work. |
| 6    | Risk evaluation/safety measures   | Maintaining fire extinguishers in all the prominent places and needed comers of college.  |

## 8. Strengths, Weakness and are as of Improvement

### Strengths

- 1) More number of student placements
- 2) Research and Development cell
- 3) Strong department level support for faculty research activities
- 4) Supportive working environment among department members
- 5) Faculty contribute effectively to paper publications
- 6) In order to explore their ideas and display their skills, student clubs are developed and events are organized.



  
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### Weakness

1. Lack of NRI student attraction
2. Poor socio-economic status of the students.
3. There is a need to modernize classrooms with ICT facilities
4. Faculty Retention is Poor

### Opportunities:

- 1) By establishing stronger relationships with R&D organization.
- 2) Increase of research funding.
- 3) Opportunity to maximize the potentiality of Centers of Excellence.

### Suggestions for Improvement

To overcome the challenges and improve the quality of education, evaluation can be done on the following factors such as maintenance of infrastructure, pedagogy skills, quality of teacher's education and extra-curricular as well as co-curricular activities.

Sign of Academic Auditors

*M. S. Sowmya*

Dr. M. Sowmya  
Assistant Professor

*B. Manoj*

Dr. B. Manoj Kumar  
Associate Professor

*V. Umabankar*

CO-ORDINATOR, IQAC



*Principal*  
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**ACADEMIC AUDIT REPORT (2022-2023)**

**M.Pharmacy (Pharmaceutical Analysis)**

**ACADEMIC YEAR:2022-2023**

**Date of Audit: 14-06-2022**


**AUDIT- 2/2**

We, Dr. S. Arun Satyadev, Mrs. A. Hema Varaha Santoshi were entrusted to carry out the audit work of Department of M. Pharmacy (Pharmaceutical Analysis) by the IQAC. The audit work was carried out with the consent and the presence of the Head of the Department and Department coordinators. The overall internal audit report was prepared & drafted based on the Academic Information Including strengths, weakness, and opportunities. The report was duly submitted along with suggestions to the IQAC

**1. COs, POs curriculum**

| S.NO. | CRITERION  | OBSERVATIONS   |
|-------|--|--|
| 1     | Cos and POs attainment                             | CO's and PO's attainment calculated as per the procedure established by IAC and PCI  |
| 2     | Stakeholders feedback related to curriculum design | Graduates exit survey; Alumni survey and employer survey, teachers survey are conducted and presented as consolidated as per format. |
| 3     | Action taken on Minutes of Meeting                 | Incorporated changes as per the suggestions by IAC and it's Minutes of meeting, Curriculum changes were discussed                    |
| 4     | Percentage of Lab component                        | (97%) 72/74 as per PCI syllabus  |
| 5     | Evidence of academic flexibility                   | Nil  |



  
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### 2. Faculty information and their contribution

| S.NO. | CRITERION  | OBSERVATIONS  |
|-------|--|---|
| 1     | Student teacher ratio  | 13:1<br>14 faculty members areas signed to teach for 180 students               |
| 2     | Faculty cadre ratio Prof: Assoc: Asst  | Professors:2<br>Associate Professor: 3<br>Assistant Professors:9 (Annexure:2.1) |
| 3     | Faculty Qualifications   | Doctorates: 02<br>Ph.D. Pursuing :02<br>Pharm.D: 13                             |
| 4     | Faculty experience and retention   | List of faculty, qualifications, total experience is enclosed by annexure 2.2   |
| 5     | Faculty Contribution in writing:<br>--Books:<br>--Book chapters:   | 2   |
| 6     | Faculty in Professional bodies Faculty contributions   | Nil   |
| 7     | Faculty as resource persons in workshops/training activities   | Training and Programs:2   |
| 8     | International/national level events organized<br>--Training Programs<br>--workshops/seminars:<br>--FDP's:                    | Nil   |
| 9     | List of conferences/seminars/workshops/FDP's / any exclusive programmes attended for enrichment of teaching-learning process | FDP's: 05   |



  
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### 3. Teaching Learning Process and Evaluation

| S.NO. | CRITERION  | OBSERVATIONS  |
|-------|--|---|
| 1     | Student performances Attendance Exams  | List of students Detention and condonation are maintained.  |
| 2     | Mechanism and activities for slow learners improvements  | Slow learners are identified based on performance in Mid exams.<br>Conducted extra classes for slow learners  |
| 3     | Student counseling/mentoring mechanism   | 13 students are allotted for each faculty member for better improvement of their academic results.  |
| 4     | Initiatives taken for innovative projects  | Nil   |
| 5     | Review and evaluation of student projects:<br>Best Projects  | 1 Best projects are carried as per PCI guidelines   |
| 6     | Monitoring of teaching-learning process <ul style="list-style-type: none"><li>• Observation of teaching process in class rooms as per schedule.</li><li>• Tracking of syllabus coverage.</li><li>• Uploading of Lecture notes, question papers of mid and semester end examinations in E-learning portal.</li><li>• Verification of evaluated answer papers.</li><li>• Checking the quality of mid examinations question papers.</li><li>• Innovative teaching methods presented.</li><li>• Verification of course files</li></ul> | <ul style="list-style-type: none"><li>• Regular visit by the principal</li><li>• CC surveillance as per schedule, the coverage of syllabus is strictly followed. by any consequences if there is any lag-on of syllabus extra classes will be conducted</li><li>• Track sheets are maintained to review Syllabus coverage.</li><li>• Evaluation of answer papers as per the allotment of marks</li><li>• Yes, the quality of mid-exam question papers is regularly checked by exam cell Coordinator and the Principal.</li><li>• Interactive way of teaching</li><li>• Regular verification of Attendance</li></ul> |



  
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|    |   |   |
|----|---|---|
| 7  | <ul style="list-style-type: none"> <li>Minutes of class committee meetings and action taken</li> </ul> <p>Training programmes conducted for students</p> <ul style="list-style-type: none"> <li>Guest Lectures</li> <li>Add-on courses</li> <li>Seminars/workshops</li> <li>Compliance of department academic calendar</li> </ul> | <p>Registers as well as the course file</p> <ul style="list-style-type: none"> <li>Minutes of meetings are regularly Conducted to discuss the matters that are related to Time Tables, academic planning and its facilities provided</li> <li>2 Guest lectures are conducted for the Students to get aware of some core related subjects, which are presented by eminent resource Persons.</li> <li>Add-on Courses: 06 Programs are Conducted for students</li> </ul> |
| 8  | MOU's with industries for internship  | Internship with other industries are done   |
| 9  | Students feedback and follow up action  | Needed action is taken up by students feedback  |
| 10 | Scope for self-learning <ul style="list-style-type: none"> <li>Certificate courses</li> <li>Online courses</li> </ul>   | Faculty members were very instrumental in designing and developing 3 Add-on and Certificate course programs.  |
| 11 | Result analysis and conduct of remedial classes for students with backlogs  | <ul style="list-style-type: none"> <li>Based on the results of mid exams, remedial classes are conducted.</li> <li>Based on the results of main exams, backlog classes are conducted.</li> </ul>  |
| 12 | Placements---(%):<br>Industries/organizations:  | 67%   |
| 13 | Higher Studies (%): <ul style="list-style-type: none"> <li>Institutions:</li> </ul>   | Nil   |
| 14 | Student development activities: <ul style="list-style-type: none"> <li>Co-curricular</li> <li>Extra-curricular activities</li> </ul>  | Students are participated both in co-curricular and extra-curricular activities   |



*[Signature]*  
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### 4. Research consultancy and Extension

|   |   |  |
|---|---|--|
| 1 | Faculty Publications in journals:<br>Peer review journals:<br>Thomson Reuters Impact factor<br>journals | Total No. of publications: 04  |
| 2 | Publications in conferences:<br>National:<br>International:   | International-04   |
| 3 | Percentage of Faculty contributing<br>in Research Publications:   | 7 Percentage of Faculty contributing in<br>Research Publications                         |
| 4 | Ph.Ds Registered: Submitted:<br>Awarded:<br>Ph.D. guiding/guided  | Registered: 2 Submitted: NIL Awarded:<br>NIL Guiding/guided: Nil                         |
| 5 | Funded R&D projects and<br>consultancy works:   | Projects are done and its evidences are<br>enclosed                                      |
| 6 | Incentives for faculty R&D  | Incentives for faculty Research<br>publications as per HR policy                         |
| 7 | MOU's with<br>industries/R&D/Premier Institutes   | MOU's with industries and R&D  |
| 8 | Research centers of excellence<br>established:  | Recognized as JNTUK Research center<br>of excellence for the academic year 2022-<br>2023 |
| 9 | Skill development center<br>established   | YES, Skill development center<br>established in<br>Collaboration with APSSDC             |



  
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| 2    | Internet facility for faculty and students:  | Wi-Fi net is enabled   |
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### 7. Governance, Leadership and Management

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