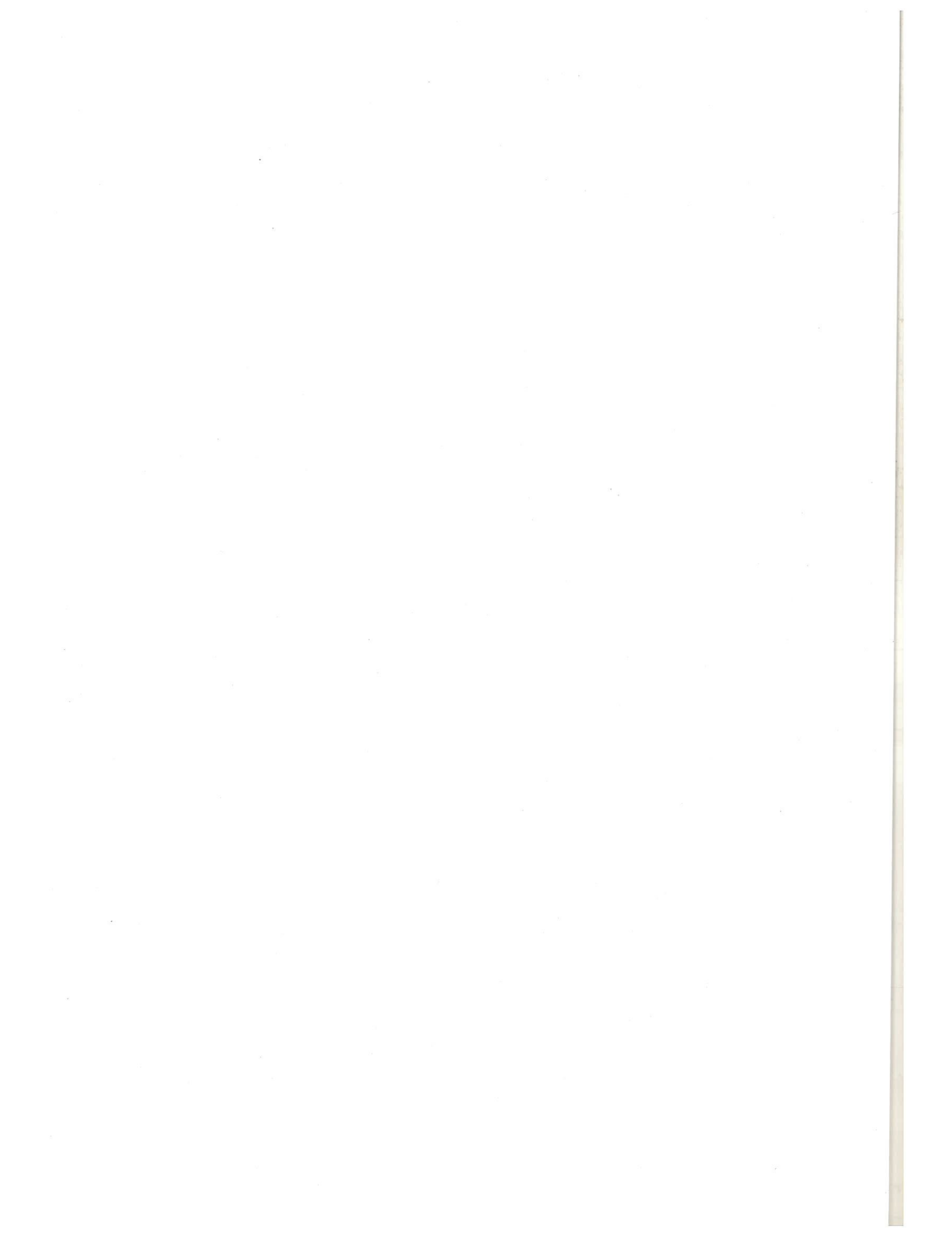
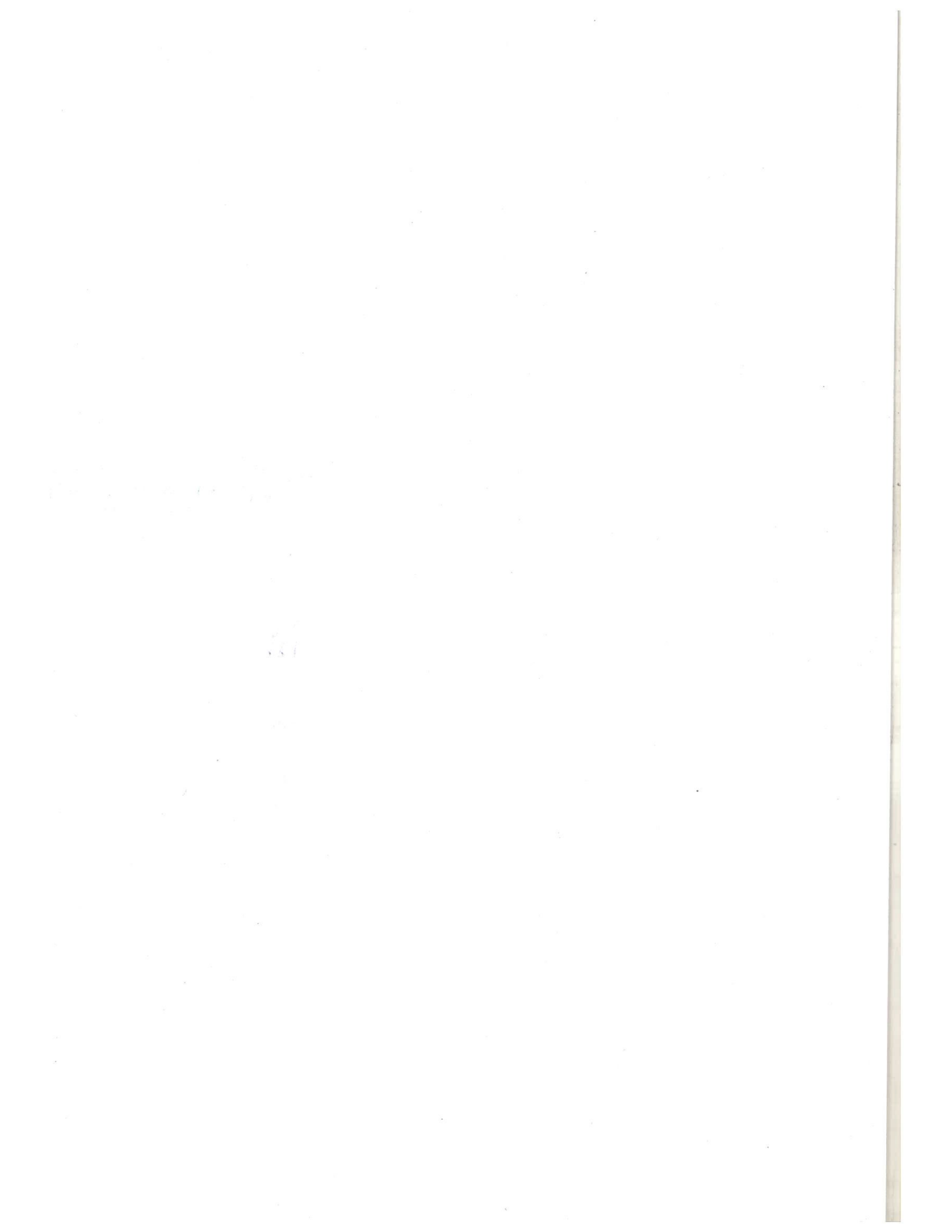

RBVRR WOMEN'S COLLEGE OF PHARMACY

INTERNAL ACADEMIC AUDIT REPORT: Year -2020-2021

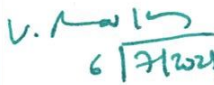








Date of Academic Audit: 06/07/2021

The Committee:

RBVRR Women's college of pharmacy has constituted a six members internal audit committee to conduct an academic audit of the all the courses. The following is the structure of the audit committee:

Sl No	Name of the Faculty Member	Designation	Roll in the Committee	Signature and Date
1.	Prof.V.Ramesh Kumar	Professor, OUCT, Osmania University	Convener	 6/7/2021
2.	Dr.SudhaParimala	Vice Principal	Member	
3.	Dr.A.Krishnasailaja	Professor	Member	
4.	Dr. J.Archana	Professor	Member	
5.	Dr.M.VijayaBhargavi	Associate Professor	Member	

PROFESSOR
University College of Te
Osmania University, Hyd

1. Introduction

RBVRR Women's College of Pharmacy was established in the year 2006 under "Hyderabad Mahila Vidya Sangham" to provide education to women students and offers offers the entire spectrum of Pharmacy education: B.Pharm, M.Pharm (pharmaceutical chemistry, Pharmacology,

Pharmaceutical analysis and pharmaceutics) Ph.D (Pharmaceutical Sciences), Pharm.D (Doctor of Pharmacy)

The college is affiliated to Osmania University, Hyderabad. The college is self-financed, approved by Pharmacy Council of India (PCI) and All India Council for Technical Education (AICTE) and included under section 2(f) of UGC Act 1956 accredited by NBA during the period of 2019-2022 with an objective to nurture the pharmacy education and to support the healthcare system through skilled Women Pharmacy graduates.

Our vision is to be a leading institution in pharmaceutical education and research, empowering students to become compassionate and competent pharmacists. We aim to foster an environment of academic excellence, innovation, and lifelong learning. Our institution strives to be at the forefront of pharmacy education, producing graduates who are equipped with cutting-edge knowledge and skills to meet the evolving healthcare needs of society. We are committed to nurturing a culture of ethics, integrity, and social responsibility among our students. Through collaborative partnerships and interdisciplinary approaches, we seek to advance pharmaceutical sciences, address global health challenges, and contribute to the betterment of public health.

Objective and Scope of the Audit

The primary focus of this academic audit is to adopt self-improvement measures as well as incorporating continuous improvement of different departmental activities to pursue excellence in practices.

The college has already developed an outcome based teaching-learning approach, redesigned an updated curriculum and co-curriculum with an objective to a value added learning methodology, reliable student assessment and student engagement programs.

The current state of efforts to improve student learning and the academic quality of the program

College has created an academic environment to improve student perception and approaches towards learning and their learning outcome. An outcome-based pedagogy was followed to redesign the syllabus in active participation of the industry representatives. Academicians

from different prestigious institutions incorporated their valuable thoughts while designing the curriculum and syllabus. The faculty members have also started a “Learner Centric Approach” in teaching. Accordingly the assessment style in sync with the “Course Objective” attainment has been primed by the department. Innovative teaching processes were adopted to implement the practical and creative aspects of acquired knowledge and to attain the highest level of strata of modified “Bloom’s Taxonomy” thereafter. The college has taken several initiatives to implement experiential learning, which is a philosophy and methodology of educators as it purposefully engage students in direct experience in order to increase knowledge, develop skills and to clarify values. Apart from these, the reflective learning process focuses on the development of critical-thinking skills through the internal process of examining strengths and exploring areas for improvement.

To be precise new improved teaching approach incorporated the following techniques:

- Encourage learning mindset
- Outcome based teaching
- Implement student feedback in teaching methodology
- Mentoring concept
- Regular invited lectures by practicing industry personnel
- Reflective learning with outcome oriented assessment
- In situ training for practical experiential learning, etc.

Co-Curricular improvement activities

Co-curricular activities fuel learning by stimulating creative thought, improving social and organizational skills, developing interests and talents in the selected field of endeavor. For this the department has adopted the following techniques.

- Regular Industry outreach programme.
- Mini project for problem solving.
- Organizing certificate programs and short term training courses

Extra-Curricular improvement activities

Extracurricular activities fuel learning by inching towards improved academic performance embracing the idea of holistic development. The department periodically engages the students in various extracurricular activities to promote higher Self-esteem. For this some of the techniques adopted are:

- Social Opportunities
- Productive breaks through sports and cultural activities
- Essential life skills

Identification of Strengths

Determining learning objectives

A systematic, manageable, attainable, practical and time bound approach of learning environment has fostered among our students the entrepreneurial mindset and has encouraged innovation and the ability to identify and pursue new business opportunities. This practical approach has also immensely impacted on their future performance in the industry.

Designing Curriculum and Co-curriculum

The curriculum undergoes continuous enhancements based on crucial recommendations from academic scholars and active industry managers. Co-curricular activities encompass industry outreach programs that extend the learning experience beyond the classroom fostering the development of up-to-date industry oriented knowledge among budding business professionals.

Designing Teaching and Learning Methods

Teaching through discussions fosters direct engagement with real-world issues, ultimately empowering students to synthesize their own case studies Collaborative learning improves students' understanding with profound insights and intellectual growth. This learning approach is designed to stimulate critical thinking, sound judgment, and particularly effective problem-solving skills.

Developing Student Learning Assessment

The students' performances are assessed through a blind checking process through

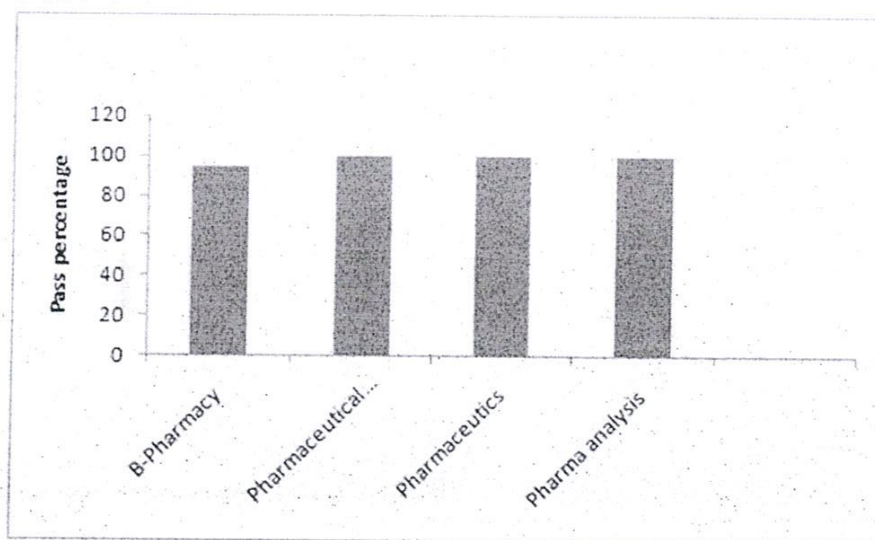
a) Creating Assignment:

- i. Assignments have a clear and defined purpose, with specific scoring guidelines.
- ii. Selecting captivating and demanding subjects.
- iii. Distributing assignments in accordance with the course objectives and academic schedule throughout the semester.
- iv. Integrating problem solving components into the assignments.

b) Examination:

- i. Internal as well as end-of-semester examinations serve the dual purpose of quantifying and qualitatively assessing students performance.
- ii. Questions are formulated with course outcomes in mind. The discrepancies between actual and expected performance is computed and accordingly remedial actions are

	chemistry			
3	M-Pharmacy Pharmaceutics	13	13	100
4	M-Pharmacy Pharmaceutical Analysis	6	6	100



C] Placement Status(2020-21):

Final Placement:

Top Recruiters of our Pharmacy students are Omics, Doctus, Clinevo Technologies PVT LTD, Primera, Apollo pharmacy, ICON, Evertogen life sciences, Pharmacist in UPHC. Total 16 students were placed in various companies and 31 students opted higher studies.

D] Student's Feedback(2020-2021):

SL NO	CRITERIA	2020-21
	A	

1	Content of Syllabus of the Courses	90.65%
2	Extent of Syllabus Covered in the Class	92.07%
3	Use of Teaching Aids and ICT in the Class to Facilitate Teaching	89.83%
4	Overall Experience with Internal Assessment (Quiz, Assignments, Presentations etc	91.35%
5	Student Teacher Interaction	95.94%
6	Integration of Theory and Practical in Classes	74.36%
7	Stimulation for Innovative Thinking	93.18%
8	Overall Learning Experience	93.51%
9	Condition of Lab Equipment	91.88%
10	Availability of Online Resources	90.53%
11	Opportunities in the Department/University for Research Activities	92.65%
12	Opportunity to Participate in Seminar/Workshop/Conference/Research Projects	91.07%
13	Experience with Research Environment	89.83%
14	Participation in Co-Academic and Cultural Events	53.2%

E] Parents –Teacher Meeting:

Parents –Teacher meeting is an integral part of student development at every level of education. The feedback from parents is immensely effective and beneficial for both the parents and the department providing in-depth insights about the departmental activities and identification of the possible scope of improvement through their constructive suggestions. It also focuses the positive vistas of the department. Side by side, parents also come to know about the progress status of their children and can keep posted about the reasons behind.

Parents become aware about the placement facilities and holistic improvement of the students.

3. Information related to Research, Consultancy of Faculty Members and Different Initiatives by the Department(2020-21)

A] Research and Consultancy Activities of Faculty Members(2020-2021)

WORKSHOP/ WEBINAR	SEMINAR/Webinars		SYMPOSIUM
	NATIONAL	INTERNATIONAL	
1	4	2	0

RESEARCH PAPER		CONFERENCE	
Publications	UGC Care list journals	NATIONAL	INTERNATIONAL
65	1	1	2

BOOK/BOOK CHAPTER	FDP/MDP	RESEARCH GUIDANCE	Patents Filed	Patents Granted
3	15	6	3	0

CONSULTANCY

Title of Project/Consultancy	Funding Agency	Submitted on / Started from	Investigators	Requested Amount (Rs.)
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Preparation of Metadoxin 500mg tablets	Leads Pharma Pvt Ltd	Started on 12 th October 2018	Dr.A.Krishnasailaja Dr.KVRatnamala	400000
Formulation of baby nappy rash gel	Leads Pharma Pvt Ltd	Started on 21 st May 2019	Dr.A.Krishnasailaja Dr.KVRatnamala	100000

B] Initiatives by the IQAC (2020-2021)

As a quality bench mark for various academic and administrative activities of the institute the Following Events have been conducted by IQAC

04/08/2020 to 08/08/2020	Organized Five day webinar on artificial intelligence in drug discovery and development
15/08/2020	Independence day celebrations
3/10/2020	virtual guest lecture on "Pharmacovigilance in drug discovery
12/10/2020 to 14/10/2020	three-day webinar on "New horizons of therapeutic targets in antiviral drug discovery
5/11/2020 to 07/11/2020	three-day webinar on "Women empowerment & Entrepreneurship development"
17/11/2020 to 23/11/2020	National pharmacy week celebrations
22/12/2020 to 24/12/2020	"Women empowerment & Entrepreneurship development
28/12/2020to 5/01/2021	Induction Program for pharmacy students
26/1/2021	Republic day celebrations
1/03/2021	National science day celebrations
06/03/2021	WEBINAR ON COMPUTATIONAL OUTLOOK IN DRUG DESIGN
March 8 th 2021	International Women's Day

March 24 th 2021	World Tuberculosis Day
April 8, 2021	International Webinar On Pharmacy Practice: The global scenario
22 nd April 2021	Earth Day
8 th May,2021	World Red Cross Day
5 th June,2021	World Environment Day
21 st June,2021	International Yoga Day

4. Aesthetic Developments of the college (2020-2021)

Several aesthetic developments took place in department over the year 2020-21.

1. Organized Five day webinar on artificial intelligence in drug discovery and development and three-day webinar on "New horizons of therapeutic targets in antiviral drug discovery
2. In Covid pandemic also the college was able to publish more than 60 papers in various national and international journals
3. Conducted events and webinars from 17th to 23rd November 2020 on occasion of 59th National Pharmacy Week-2020 Conducted webinar on "**Patient Centric Drug Information Service for reducing medication error**" in Association with Wolters Kluwer on 20th November 2020
4. Organized a three day virtual webinar on "International Webinar On "Concept Of Qbd In Formulation" from 10th to 12th May 2021 and conducted certificate course in pharmacovigilance and green chemistry

5. Initiatives to address practices that need improvement

Gap Identified	Action taken to fill the gap
Students are not having practical exposure during covid period	Practical Classes were framed with 10 members per lab by following all Covid Measurements
Received feedback from the industries to train the students in different contemporary topics to make them industry ready	Conducting certificate courses in the area of IPR, green chemistry, Pharmacovigilance and Advanced Analytical techniques to train the students as per the requirements of industry

1. Implementation plan(s) for improvement initiative(s) with the highest priority

Following activities are going to be taken for more intensive development of the learner

- Conducting certificate courses in the area of QbD and design of experiments in formulation research
- Organizing short term training program for the faculty members for the guidance from the industrial experts upon recent advancements in the pharmaceutical research

