



K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION



School of Medical & Allied Sciences (SMAS)

WELCOMES



NAAC Peer Team
16-18th June 2025

Presentation by
Dr. Hema Chaudhary, Professor & Dean

CONTENTS

01

School Introduction

02

Curricular Aspects

03

Teaching, Learning & Evaluation

04

Research Innovation & Extension

05

Infrastructure & Learning Resources

06

Student Support & Progression

07

Governance, Leadership & Management

08

Institutional Values & Best Practices

09

Institutional Distinctiveness

10

Future road map

School of Medical and Allied Sciences, KRMU has been awarded as the 'Best Pharmacy College in India in 2015' by Centre for Education growth and Research (CEGR). Prof. (Dr.) Arun Garg, Dean, SMAS, with the feeling of great pride and satisfaction shared the success mantra with KRMU Times. "Our labs are modular, well-equipped with latest equipment and best in northern India. The USP of our school is that we have designed the curriculum keeping in mind the industrial needs. We offer elective and other subjects to the students." Dr. Arun Garg is a Ph.D holder from Dr. M.G.R University, Chennai and M. Pharm and B. Pharm from Delhi University. He has more than 30 years of teaching experience. He has 25 research paper to his credit. And has been bestowed with prestigious awards including Dr. B. Mukherjee, Young Teacher award, and IPGA Professional Excellence. He is the General Secretary of Indian Pharmacy Graduate Association.



JOURNEY OF SMAS



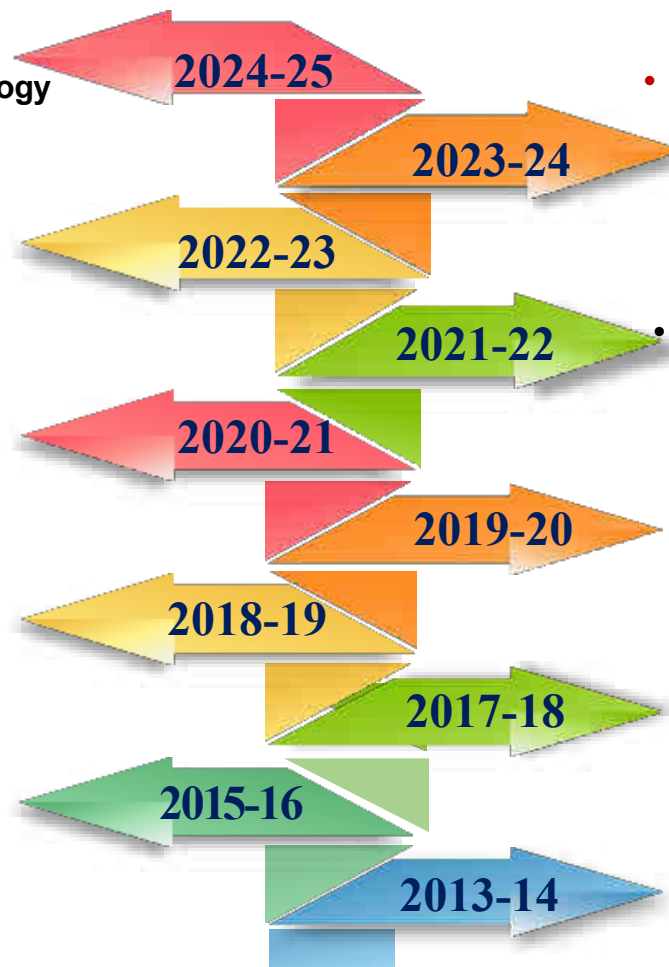
- Received Conference Grant from DST SERB, & Haryana State Council for Science, Innovation & Technology

- Increase in intake in BPT Program
 - Participated in NIRF

- Implementation of LOCF

- Started M. Pharm Programs (Pharmaceutics & Pharmacology)
- Increase in intake in B. Pharm Program

- Best Pharmacy College in India – 2015 & 2016 by Centre for Education Growth & Research (CEGR)



- Increase in intake in M. Pharm (Pharmacology)
 - BPT under SPRS
 - Participated in NIRF
- Implementation of OBE
- BPT Program under the preview of HSCP & DMER
 - Participated in NIRF
- Received DST SERB Conference Grant
- Started BPT Program
- Received Grants from DST-FICCI
- Started D. Pharm Program
- Received Animal House Approval from CPCSEA
- Started B. Pharm Program

SCHOOL VISION & MISSION



To be a leading educational institution that empowers students with expertise in pharmaceutical sciences and physiotherapy, enhancing healthcare access and making a impact nationally & globally



To deliver **high-quality, evidence-based education** that fosters **academic excellence, personal well-being, and lifelong learning**, while cultivating social responsibility, promoting interdisciplinary collaboration, and supporting innovation to prepare students for leadership in diverse healthcare environments

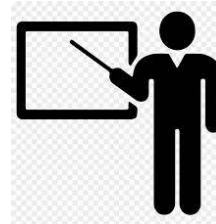
SCHOOL AS ON DATE



01 UG
02 PG
01 Diploma
01 Ph D



500+
Students



28 (PS) + 03 (AS)
Faculty Members
(31)



UG 16
PG 04
(20)



$211+62+36 = 309$
Publications
 $25+22+05$
Patents = 52



10.5 L
Research
Funding



17
MoUs



85%
Placement



650+
Alumni



PROGRAM DETAILS

Bachelor of Pharmacy

Program Code: 12
75 courses, 208 credits
(100 seats)

Ph D in Pharmaceutical Sciences

(As per seats with the Supervisors)

**B Sc (Hons.) in Cardiovascular
Technology**
**B Sc (Hons.) in Respiratory
Technology**
**B Sc (Hons.) in Emergency
Medical Technology**
(60 seats)

Bachelor of Physiotherapy

Program Code: 13
31 courses
(60 seats)

2013

2015

2017

2018

2018

2019

2025

Diploma in Pharmacy

Program Code: 31
21 courses
(60 seats)

Master of Pharmacy Pharmaceutics

Program Code: 61
19 courses, 95 credits
(15 seats)

Master of Pharmacy Pharmacology

Program Code: 65
19 courses, 95 credits
(15 seats)

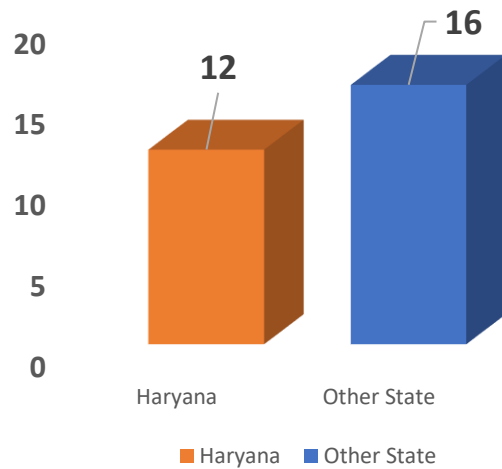
INTELLECTUAL RESOURCES

Pharmaceutical Sciences

02
Professors

05
Associate Professors

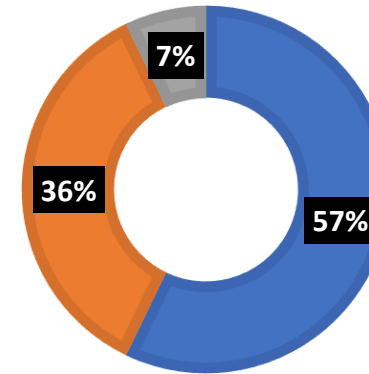
21
Assistant Professors



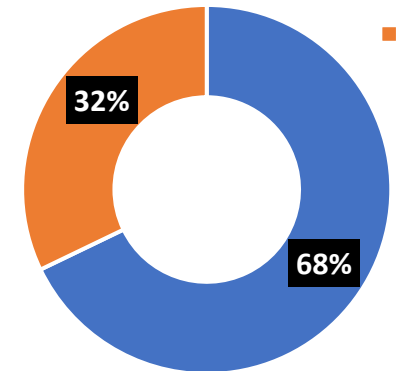
Geographic Diversity

Student Teacher Ratio: **1:17**
Faculty with >10 years' experience: **7**
Average experience: **5yrs**

■ No of PhD ■ PhD Pursing ■ M.Pharm



■ Female
■ Male



Allied Sciences

**Non-Teaching Staff : 06 Lab Technicians
& 01 Office Assistant**

02
Assistant Professors

01
Clinical Instructor

SCHOOL ORGANOGRAM

School level
committees

Program coordinators

Course Coordinators

Research Coordinator

Examination Committee

Time table coordinator

Event Coordinator

Academic Review Committee
Member

Dean
SMAS

Program
Coordinator

Class
Coordinator

Exam
Coordinator

Event
Coordinator

Placement
Coordinator

Ph D
Coordinator

Mentors

Library
Coordinator

Course
Coordinator

Time-Table
Coordinator

Faculty

Lab
Technician

Lab
Assistant

Office
Assistant

Curricular Aspects



“The curriculum is the heartbeat of education—shaping minds, building skills, and inspiring futures”

CURRICULAR ASPECTS

Why of Education

Education
Philosophy

Learning
Goals

What of Education

Learning
Experience

How of Education

Learning
Outcomes

“Learn to Earn Living and Learn to Live”

Evolving from traditional learning methods to a learner-centric model emphasizing outcomes and alignment with industry needs



covering all 4 domains of learning:

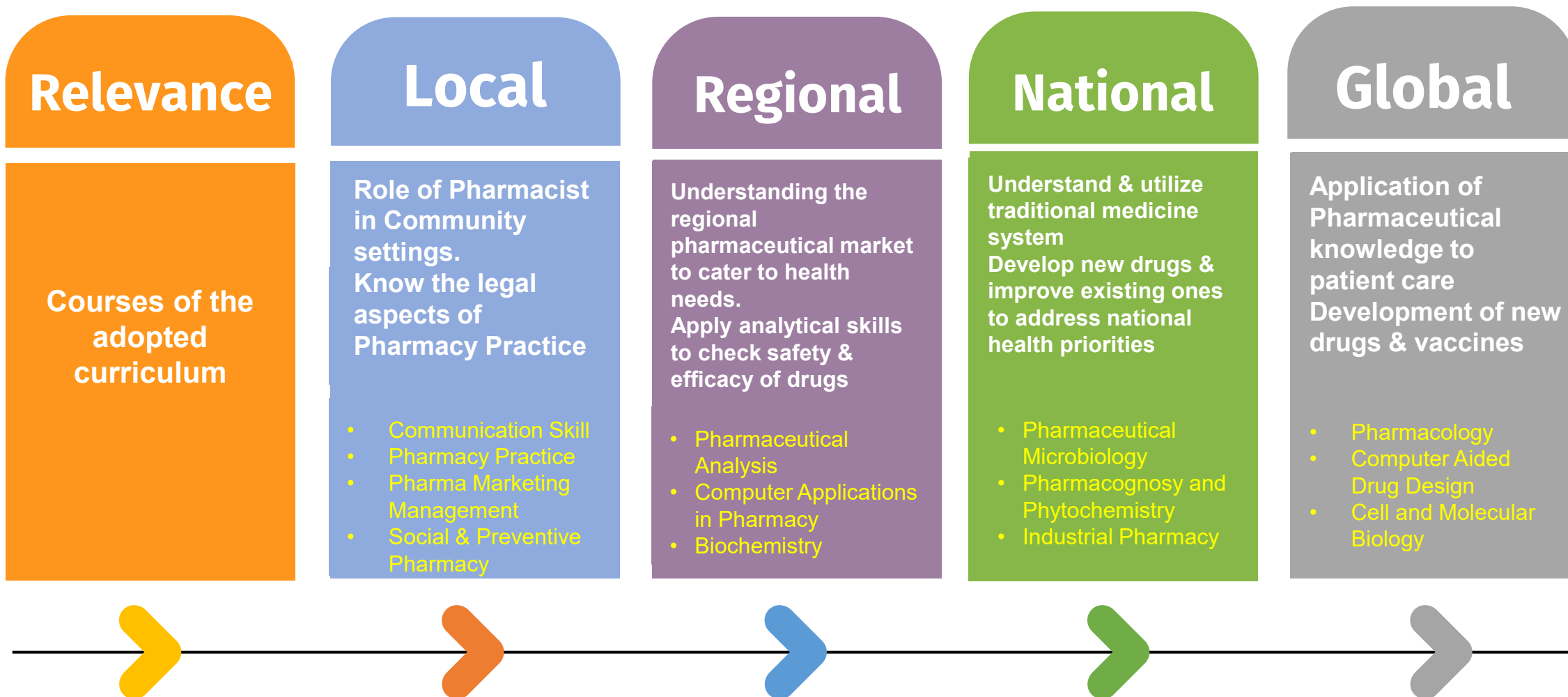
Cognitive Domain
Affective Domain
Psychomotor Skills Domain
Technology Domain

Focus on employability - achievable through Inside classroom & Outside classroom learning

RELEVANCE OF CURRICULUM TO DEVELOPMENTAL NEEDS



Curriculum adopted have relevance to local/national/regional/global developmental needs



CURRICULUM: COMPREHENSIVE PERSPECTIVES

Approach focused on outcomes, encouraging engagement, analytical thinking, and practical competence

Holistic development

Curriculum enrichment
(Human Values, Professional Ethics, Gender Equity, Environment & Sustainability)

Multidisciplinary Approach

Flexibility & Choice

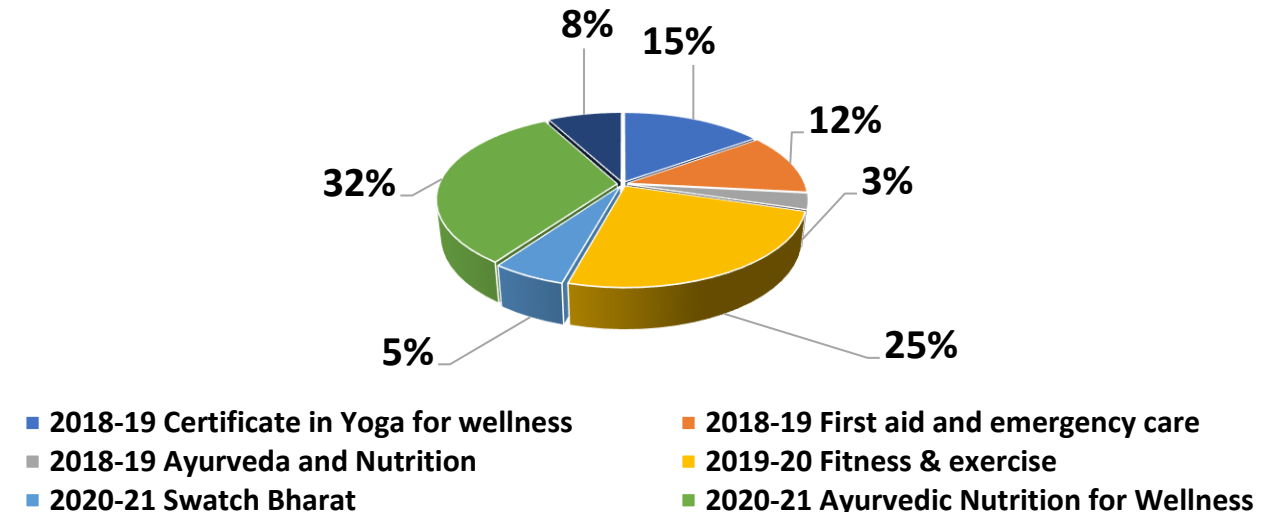
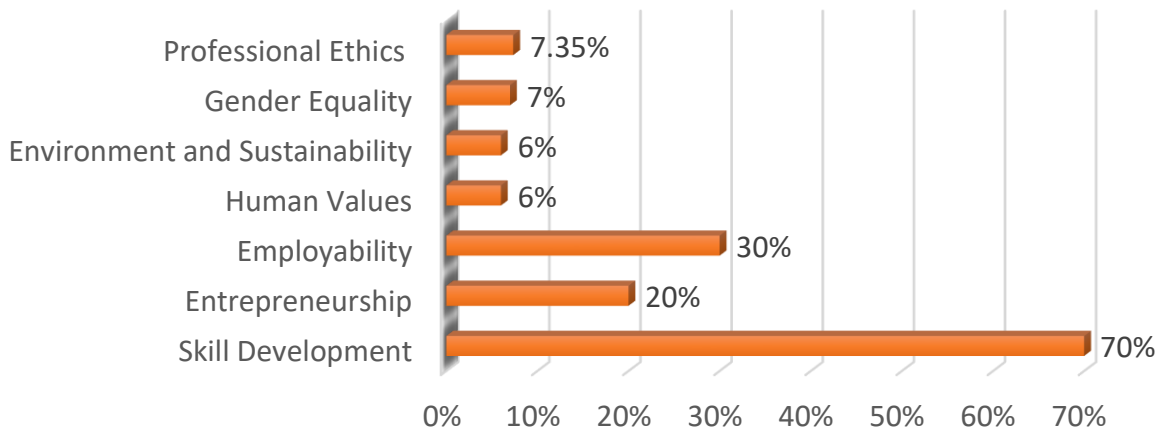
Choice based credit system & OBE

Skills & Employability Focus

Incorporating case studies, simulations, internships, industrial visits

No. of Students Enrolled in Certificate/Value added programs offered

Course Mapping: Cross Cutting Aspects



CURRICULAR APPROVAL PROCESS

01 Academic Review Committee

Proposes new programs, define POs, COs, prepare draft based on feedback of stakeholders

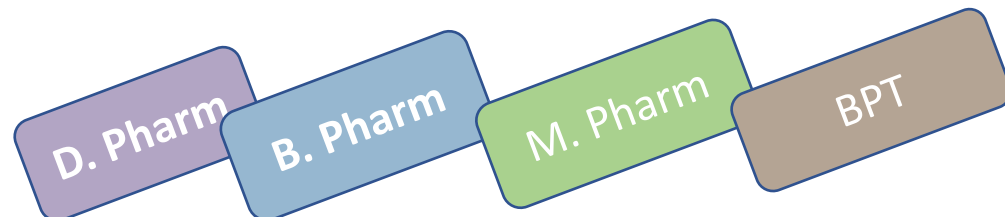
Feedback of stakeholders 05

Students,
Faculty, Alumni,
Industry
Experts,
Academicians

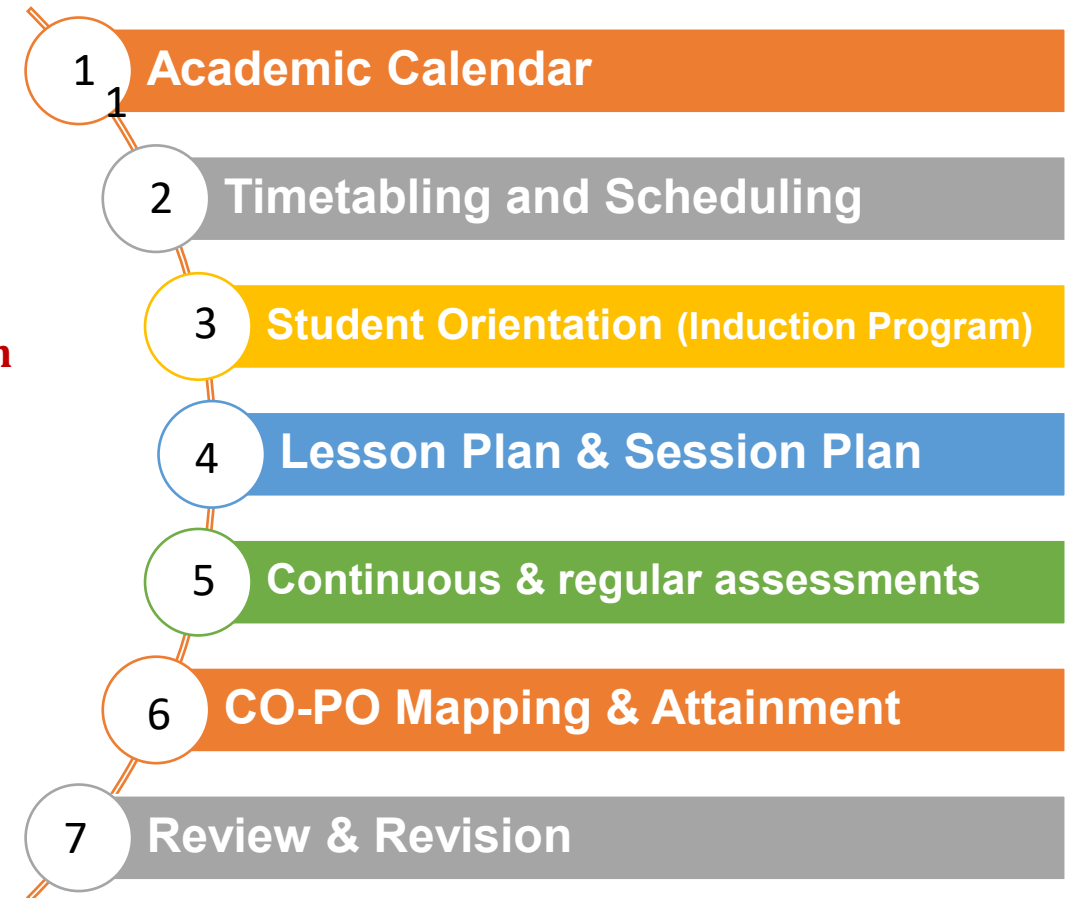
Implementation 04

02 Recommendation in BoS

03 Approval by Academic Council



CURRICULUM DELIVERY



ALIGNMENT WITH SDG GOALS

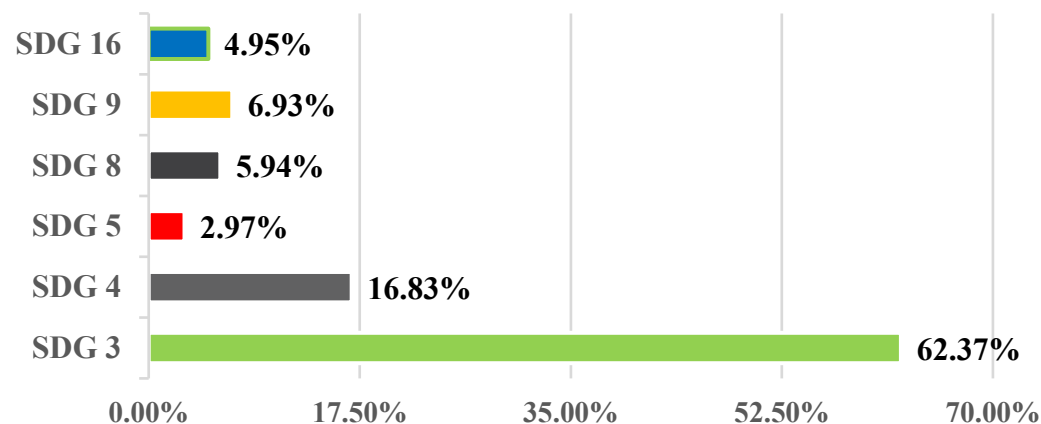
Activities aligned with SDG 3, 4, 5, 8, 9, 16

- ✓ FIELD VISITS
- ✓ GUEST LECTURE/WORKSHOP/WEBINAR/SESSION
- ✓ CONFERENCE
- ✓ CASE STUDY
- ✓ ORIENTATION LECTURES ON PREPARING FOR COMPETITIVE EXAMS
- ✓ EXTENSION ACTIVITIES
- ✓ SPORTS ACTIVITIES
- ✓ OTHER ACTIVITIES (Dance/Singing/Debate/Quiz/Film Making, etc.)

[SDG ACTIVITY.xlsx](#)

[SDG.pptx](#)

[extra curricular activities.docx](#)



■ SDG 16 ■ SDG 9 ■ SDG 8 ■ SDG 5 ■ SDG 4 ■ SDG 3



Anemia Camp



Industrial visit to Venus Remedies



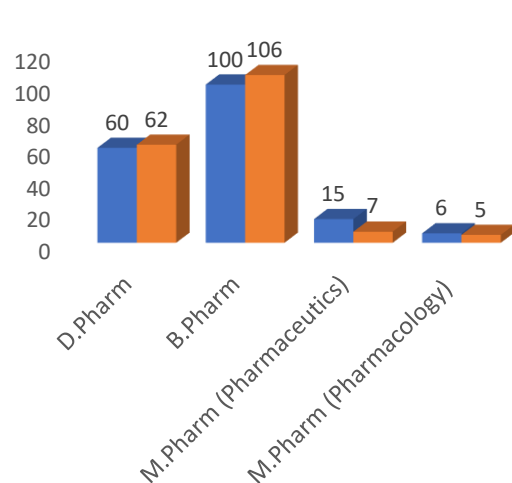
Session on Code of Conduct

Teaching, Learning and Evaluation

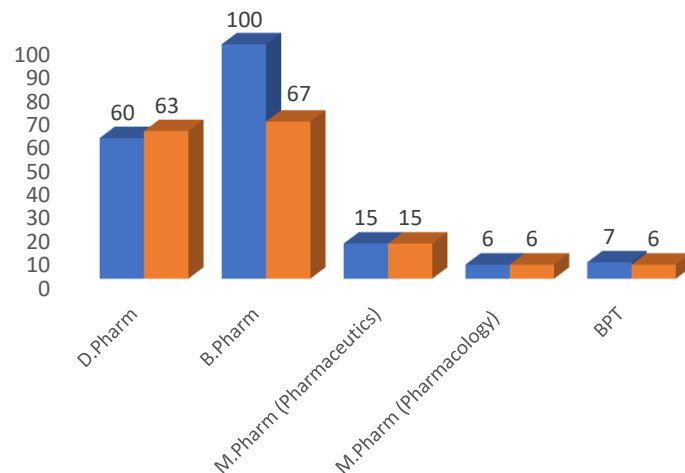


**"Teaching inspires, learning transforms, and evaluation refines
—together, they build the foundation of meaningful education"**

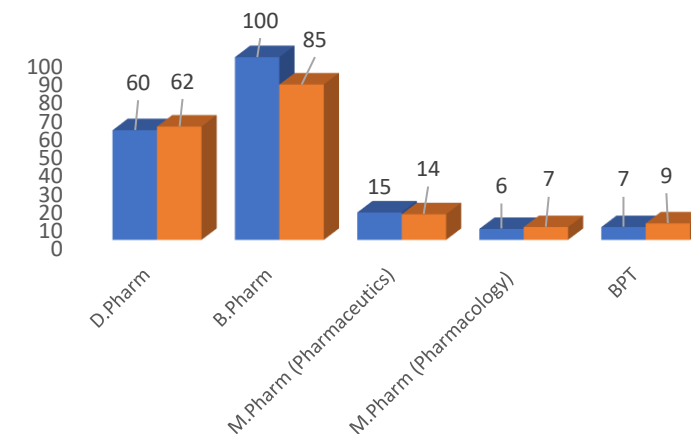
STUDENT ENROLMENT & PROFILE



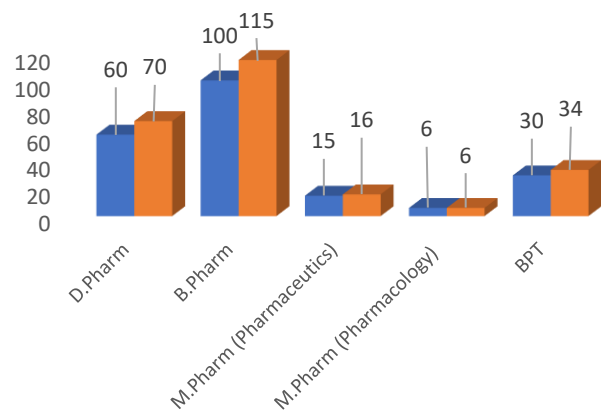
■ Session Intake 2018-19 ■ Admitted 2018-19



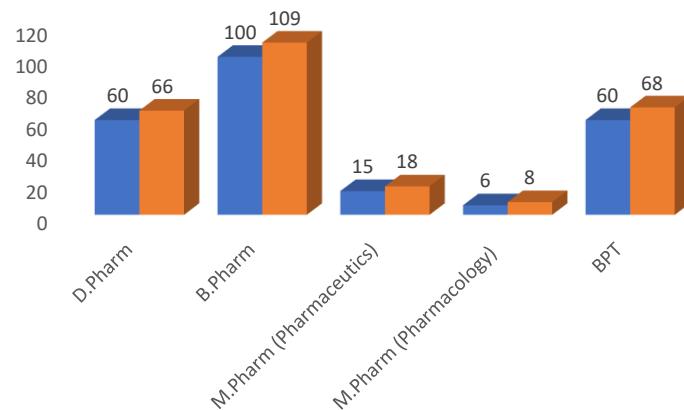
■ Session Intake 2019-20 ■ Admitted 2019-20



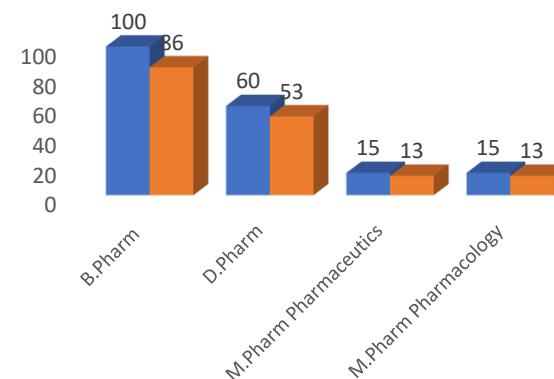
■ Session Intake 2020-21 ■ Admitted 2020-21



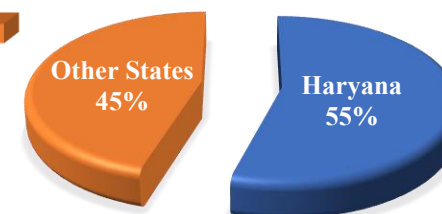
■ Session Intake 2021-22 ■ Admitted 2021-22



■ Session Intake 2022-23 ■ Admitted 2022-23



■ Total number of Student ■ Session Intake



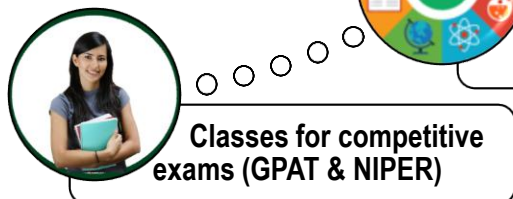
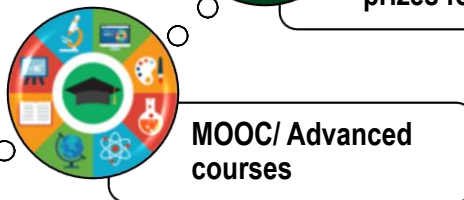
Geographical Diversity

LEARNING NEEDS IDENTIFICATION AND SUPPORT FRAMEWORK



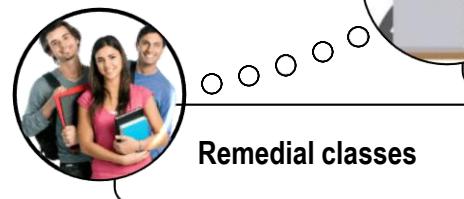
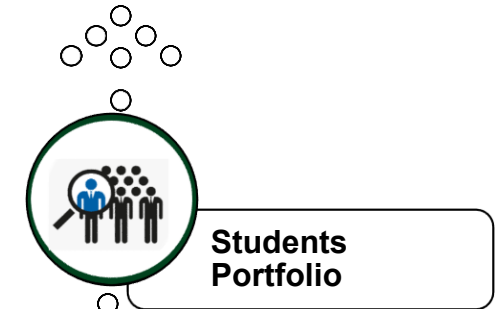
Curiosity & inquisitiveness
Consistent high grades
Quick learning pace
Critical thinking & Problem-solving skills

Advanced Learner



Frequent errors in work
Consistent low grades
Slower pace of learning
Short attention span

Slow Learner



Slow and Advanced Learners



Name of the School: School of Medical and Allied Sciences	Academic Year: 2024-25
Name of the Program: B. Pharm	Name of the Course: Pharmacology-III (BP-602T)
Name of the Faculty: Dr. Parakh Basist	Semester: 6th
Total Number of Students: 44	Section: B

Mid-Course & End-Term Assessment											Change of Learning Level		
S. No.	Student Roll No.	Name of the Student	SGPA in previous semester	Learning Level in previous semester	Sessional I - S1 (15)	Sessional II - S2 (15)	Average of S1 & S2	Learning Level of the student	End Term Examination (75)	Learning Level of the student	Learning Level of the student in Mid Term	Learning Level of the student in End Term	Change of Learning Level
1	2104120010	Yogesh Kumar Baghel	7	Average Learner	10.5	5.5	8	Slow Learner	43	Average Learner	Slow Learner	Average Learner	Yes
2	2204120065	Shivam Chaudhary	4.46	Slow Learner	5	11	8	Slow Learner	50	Average Learner	Slow Learner	Average Learner	Yes
3	2204120067	Priyanshu .	6.54	Average Learner	6	6	6	Slow Learner	35	Slow Learner	Slow Learner	Slow Learner	No
4	2204120068	Samridhi Pathak	7.85	Average Learner	12.5	13.5	13	Advance Learner	68	Advance Learner	Advance Learner	Advance Learner	No
5	2204120069	Anurag Kumar	7.23	Average Learner	10.5	13.5	12	Average Learner	62	Advance Learner	Average Learner	Advance Learner	Yes

S. No.	Type of Support for Slow Learner	Outcome	S. No.	Type of Support for Advance Learner	Outcome
1	Remedial Class	Improved understanding of all units	1	Students participated in inter-university competition	Students feel motivated and confident.
2	Handwritten Notes	Students cleared their tough areas through notes and guidance	2	Conference	Exposure to new research, networking, knowledge expansion, and professional development.
3	Class Assignment	Gained confidence after solving the assignments	3	Field visit	Practical experience, increased interest, better retention, and enhanced understanding.
4	Class test	Improved writing skills	4	PPT	Visual aid enhanced comprehension, engagement, retention, and learning efficiency.

Gap Analysis/Recommendations

Students have difficulty in understanding core concept of the course possibly due to weak prerequisite knowledge required for the course.
Students are encouraged to consistently practice on research problems and motivated to discuss their problems with the faculty.

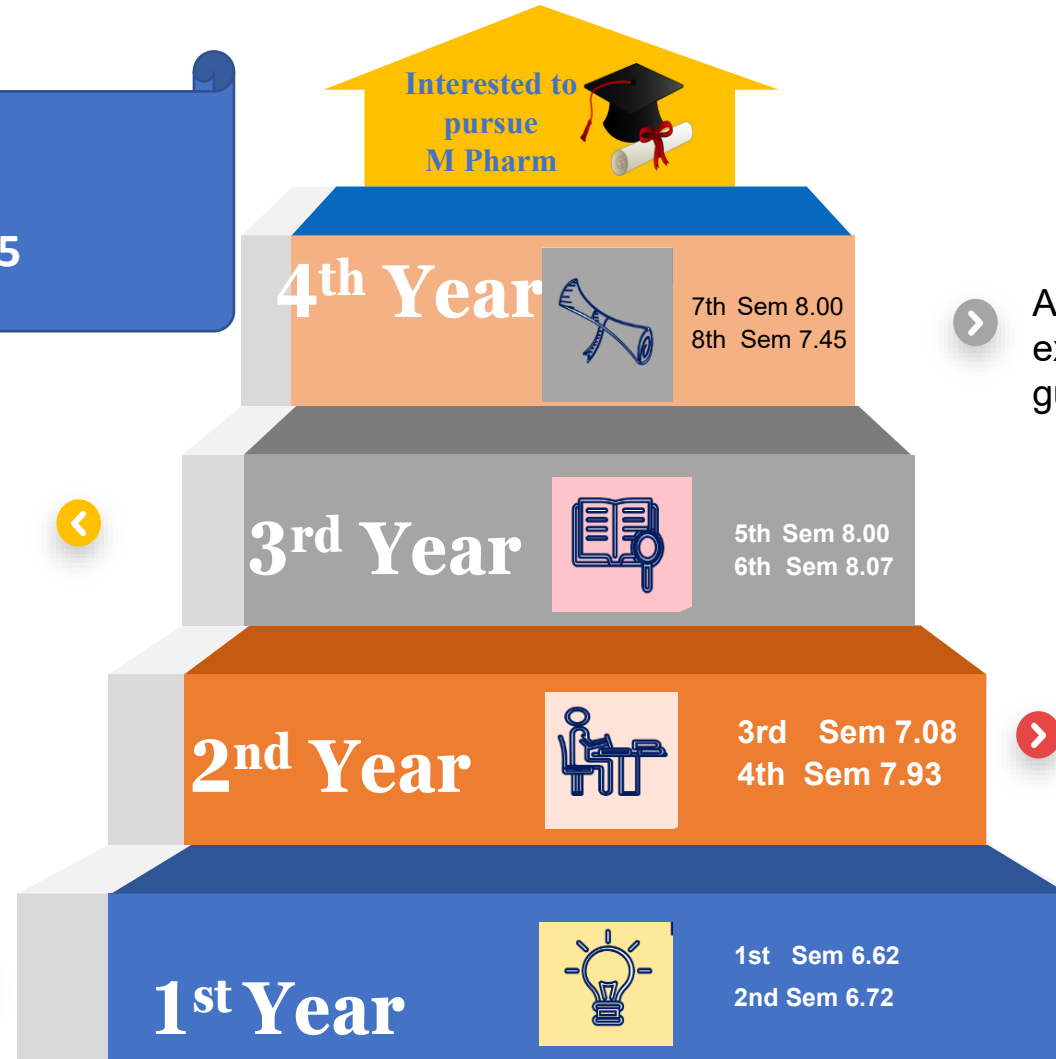
EXAMPLE OF SLOW LEARNER



Mr. Nikhil
B. Pharm 2021-2025

Course material and question bank with solutions are provided to student

Student motivation and support



➤ Appeared in GPAT competitive exam, as a result of hand holding, guidance and motivation

➤ Tutorial & Remedial classes conducted and supported the student along with regular counselling / mentoring by the mentor



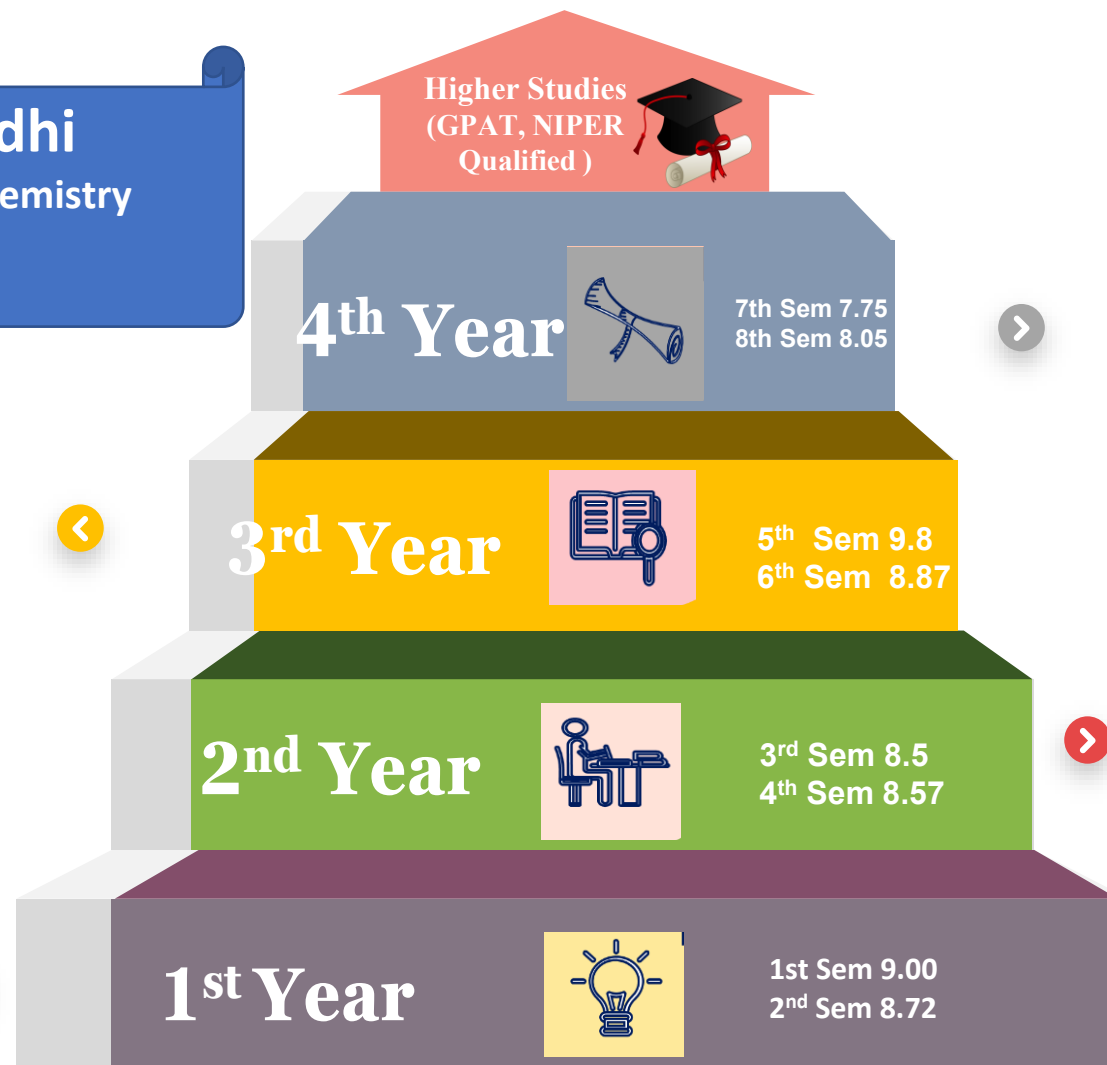
EXAMPLE OF ADVANCED LEARNER



Mr. Vaibhav Gandhi
M. Pharm Pharmaceutical Chemistry
NIPER, Kolkata
B. Pharm 2020 - 2024

Hands on training of
sophisticated instruments

Student motivation and depute to
participate in in-house,
interuniversity poster presentation
competition



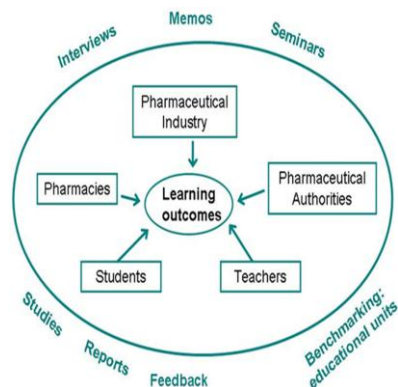
Provided resource materials and
conducted e-Test for GPAT & NIPER
entrance examination

Course material and question bank
with solution are provided to student

TEACHING LEARNING PROCESS



School Vision & Mission



Curriculum



Well defined Graduate Attributes

BP104T.pdf

K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

7. Learning Plan (Session wise):

Session No.	Topics	Pedagogy (Teaching Learning Methods)	Reference	Mapping of Session Outcome with Course Outcomes (COs)	Mapping with Course Outcomes (COs)
1	History of Pharmacopoeia	Lecture, Diagram Discussion	Annal & Charval, Pg.3-18	L1	CO 1
2	Sources of impurities	Lecture and Explanation	Annal & Charval, Pg.11-21	L2	CO 1
3	Types of impurities	Lecture and Explanation	Annal & Charval, Pg.21-31	L2	CO 1
4	Limit test and its significance	Lecture, Diagram and Explanation	Annal & Charval, Pg.31-41	L2	CO 2
5	Principle involved in the limit test for Chloride	Lecture and Diagram	Annal & Charval, Pg.41-49	L2	CO2
6	Principle involved in the limit test for Sulphide	Lecture, Diagram Discussion	Annal & Charval, Pg.49-50	L2	CO2
7	Principle involved in the limit test for Iron	Lecture, Outline and Explanation	Annal & Charval, Pg.51-52	L4	CO5
8	Principle involved in the limit test for Arsenic	Lecture, Outline and Explanation	Annal & Charval, Pg.52-54	L4	CO5
9	Principle involved in the limit test for Lead	Lecture, Outline and Explanation	Annal & Charval, Pg.54-58	L4	CO5
10	Principle involved in the limit test for Heavy metals	Lecture, Outline and Explanation	Annal & Charval, Pg.52-54	L2	CO2

CHO, Lesson Plan, Session plan



Andragogy

Teaching Methods

BP104T.pdf

K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION

5. Assessment Strategy:

Course Outcomes	Continuous Internal Assessment					1st & 2nd Sem Exam	End Term Exam
	Quizzes & Tests	Assignment and Essays	Presentation	Project	Participation & Attendance		
CO1: Understanding the basic principles of various inorganic compounds used in pharmaceuticals.	✓	✓	✓	✓	✓	✓	✓
CO2: Understanding the environmental and health implications of inorganic compounds used in pharmaceuticals.	✓	✓	✓	✓	✓	✓	✓
CO3: Applying quantitative and qualitative analytical techniques for the identification and estimation of inorganic compounds.	✓	✓	✓	✓	✓	✓	✓
CO4: Analyzing various inorganic compounds to assess their role in pharmaceutical industry and environment.	✓	✓	✓	✓	✓	✓	✓

Assessment

Institutional, Program assessment, course assessment

Review, Feedback & Correction

LEARNING EXPERIENCE

Inside Classroom Learning

Participative
learning

Outside Classroom Learning



Active Learning

Project based Learning

Participatory Learning

Demonstration of Size
Exclusion Chromatography
technique

Health Awareness
camp

Field Visit to Drug
Store

Field visits & Industrial training

Community Based Learning

Interactive based Learning

18



MENTOR-MENTEE



Responsibilities/Duties of Mentee

- Clearly define your goals
- Be Proactive
 - Establish open communication
 - Practice active listening
 - Seek advice
 - Be Open-minded

Objectives

- Development of Knowledge and Skills
- Career Exploration and Development
- Personal Development and Support



Responsibilities of Mentor



Details filled by student

TO BE FILLED BY STUDENT

STUDENT'S PERSONAL DETAILS

Name	Dr. K. V. S.	Roll No.	2204020093	Batch	2022-23
Category	SC	Department	B. Pharm	Section	B

ACADEMIC DETAILS

Year of Passing	Board	P	C	M/E	Average PCM	English
2019	CBSE	—	—	—	85%	75%
2021	CBSE	88	84	85	85%	78%

PARENT'S PERSONAL DETAILS

Name	Qualification	Occupation	Phone No.
Mother's	Ph.D.	Teacher	9846111330
Father's	B.A.	Govt. Officer	9846111330

Mentoring Session details

Mentoring Report Semester Wise

Attendance and Marks Details of Semester

(For each month of the semester, the overall percentage % marks to be mentioned by the mentee)

Month	1st	2nd	3rd	4th
March	78%	75%	80%	82%

Average Attendance Percentage: 73.2%

Marks Details

Subject	CAT	Mid Term Examination	Attendance Marks	End Term Examination	Total
Physical Chemistry	13	12.5	1/4	A	
Mathematics	15	14	2/4	B	
Organic Chemistry	12	13	3/4	A	
General Chemistry	25	9	3/4	B	
Physical Chemistry	15	13	1/4	A	
Mathematics	15	14	2/4	B	
Organic Chemistry	12	13	3/4	A	
General Chemistry	25	9	3/4	B	

Mentoring Session 1 Date: 10/02/23 Time: 11:30-12:30

Information Gathered: Mentee's Chemistry class topic

Problems Identified: Mentee is having difficulty in understanding the topics of Organic Chemistry

Mentor's Advice: Mentee should practice more problems and refer to the textbook

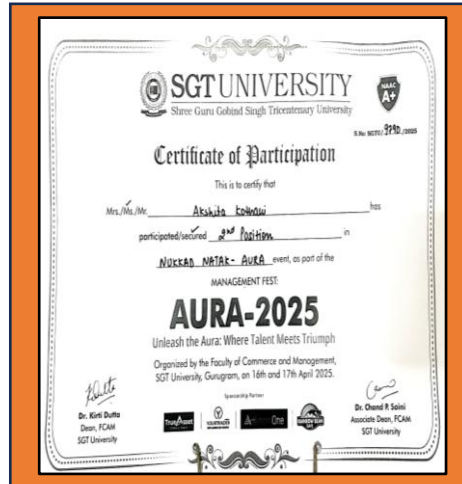
Mentoring Session 2 Date: 10/03/23 Time: 11:30-12:30

Information Gathered: Mentee's Chemistry class topic

Problems Identified: Mentee is having difficulty in understanding the topics of Organic Chemistry

Mentor's Advice: Mentee should practice more problems and refer to the textbook

Student's Achievements



CONTINUOUS FACULTY LED ASSESSMENTS



Formative

Help students to learn & practice

When

Throughout the course

Why

To achieve learning outcomes

How

Based on approaches supporting different learning needs

Summative

Assess student performance

When

At the end of Instructional period

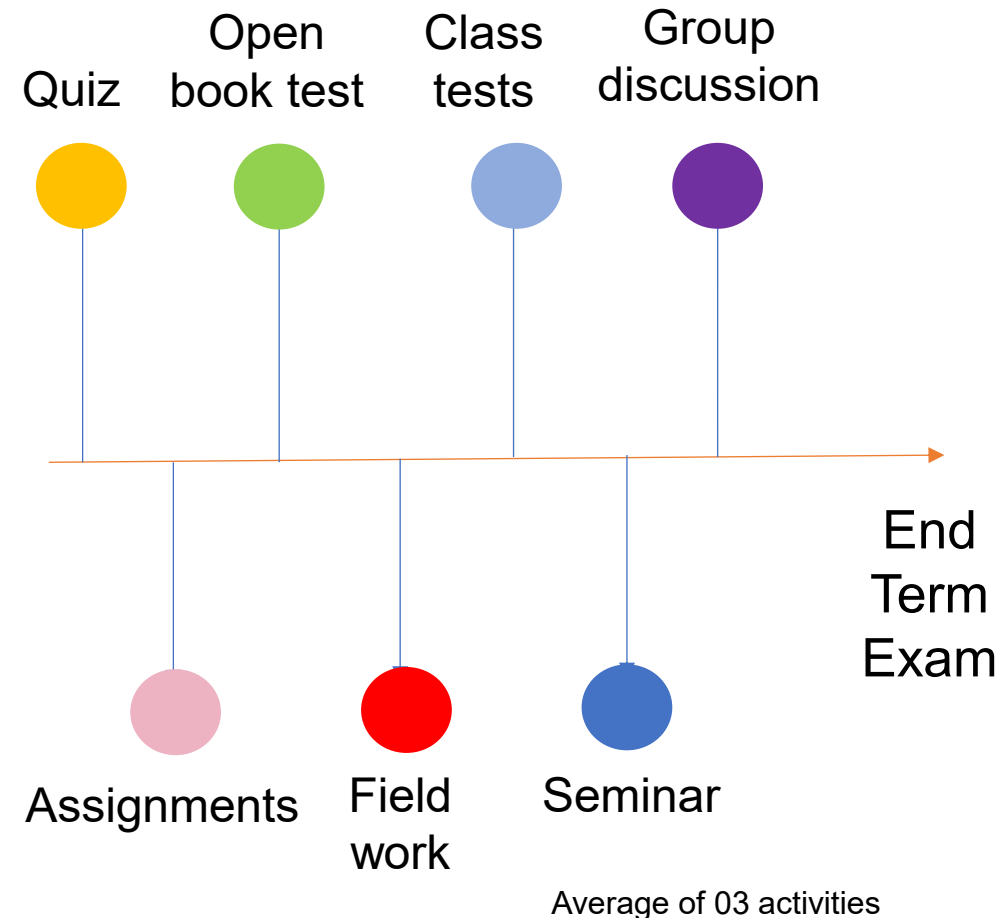
Why

Measuring achievements

How

via cumulative assessment

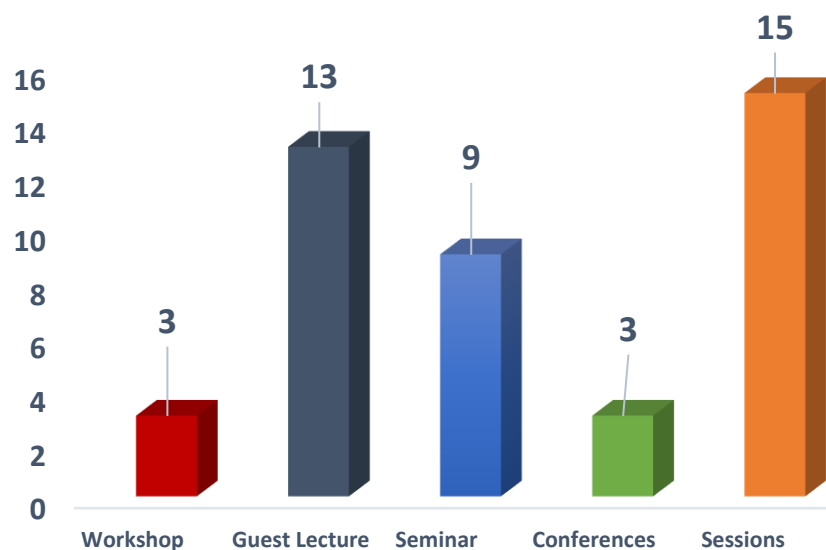
Break Up: Continuous Mode : End term
25 : 75



CO-CURRICULAR ACTIVITIES

ACTIVITIES ORGANISED

2018-19	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25
00	01	00	01	18	11	12



Workshop = 03
 Guest Lecture = 13
 Seminar = 09
 Conferences = 03
 Sessions = 15

Total No. of co-curricular activities = 20 + 23 = 43



Conference on Current Paradigm in Cancer Theragnostic



Session by NIPAM expert on IPR awareness



Workshop on Virtual screening & molecular docking



Session by Dr Pooja, during One day National Conference

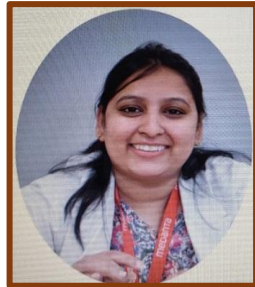


Session on Pedagogical skills for students

EXTRA-CURRICULAR ACTIVITIES



Students qualifying Competitive Exams



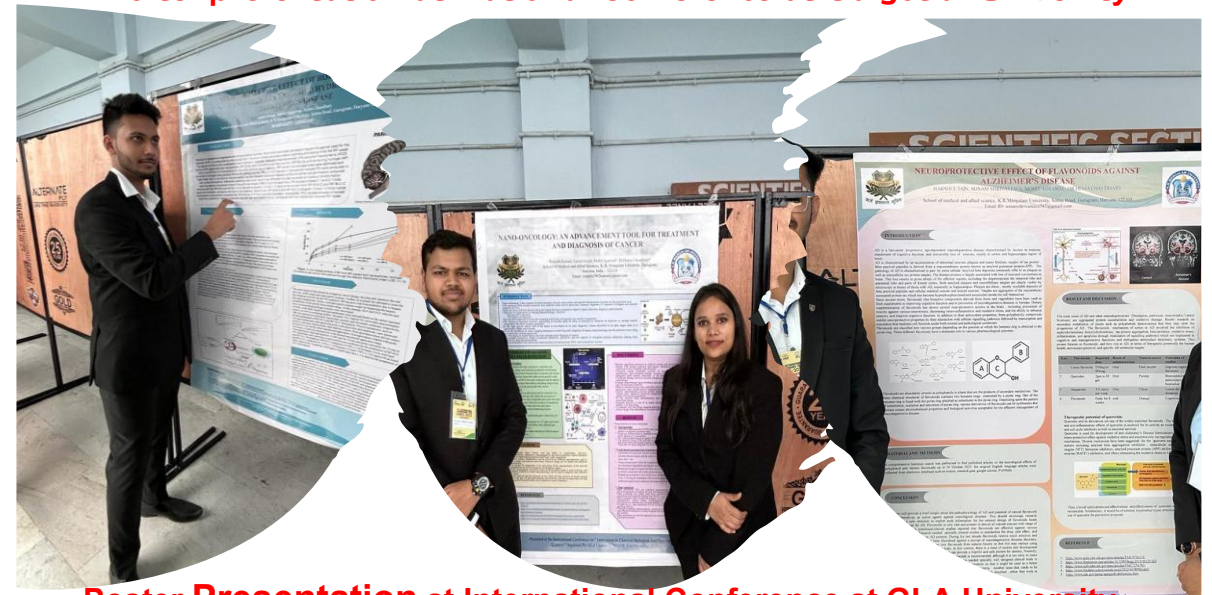
Kajal Kumari

S.No.	Name of Student	Year of Qualifying exam	Level of Exam	Name of Competitive Examination Qualified	Mapping with SDG
1	Kajal Kumari	2019-20	National	GPAT	4
2	Jyoti Yadav	2018-19	National	GPAT	4
3	Vaibhav Gandhi	2023-24	National	GPAT	4
4	Aman	2023-24	National	GPAT	4

Outcomes: Mapped with SDG 4 to ensure inclusive and equitable quality education which foster critical skills and promoting gender equality contributing to personnel and societal development



Poster presentation at National Conference at Galgotias University



Poster Presentation at International Conference at GLA University

Research, Innovation and Extension



"Research builds knowledge, innovation drives change, and extension ensures that both serve society"

RESEARCH, PATENTS & PROJECTS

SMAS Faculty Research

Retrieved from KRMU Research Bubble App



Average publication/faculty/year – 02 | Total Publication in Nos. – 309

H-index – 08 | Highest cited publication – 696 citation

28 + 4

- PhD Enrolled

11 + 3 + 2 = 16

- Ph.Ds. Awarded

[SMAS PHD AWARDED.xlsx](#)

02

- Projects

[SMAS Projects.xlsx](#)

25 + 22 + 5 = 52

- Patents

[SMAS PATENT DATA.xlsx](#)

160 + 46 + 20 =
226

- Research Papers Published

[SMAS RESEARCH PUBLISHED.xlsx](#)

06 + 01 + 01 = 8

- Book Published (Including Edited)

[BOOK AND BOOK CHAPTERS.xlsx](#)

45 + 15 + 15 = 75

- Book Chapters Published

11 + 1 = 12

- Awards

[SMAS AWARDS.xlsx](#)

02

- Papers presented in conferences

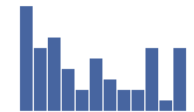


Prof Hema Chaudhary

Professor

K R Mangalam University

Publications 2008 - 2022



Citations / H-Index

629
CITATIONS

H 7
H-INDEX

CROSSREF 587
CITATIONS

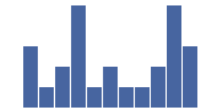


Dr Saroj Verma

Associate Professor

K R Mangalam University

Publications 2013 - 2025



Citations / H-Index

123
CITATIONS

H 7
H-INDEX

CROSSREF 194
CITATIONS

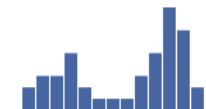


Dr Sucheta

Associate Professor

K R Mangalam University

Publications 2007 - 2025



Citations / H-Index

77
CITATIONS

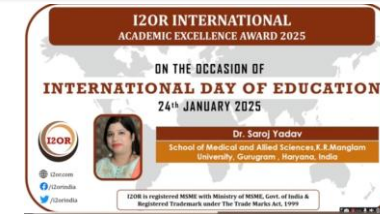
H 4
H-INDEX

CROSSREF 261
CITATIONS

AWARDS & RECOGNITION FOR RESEARCH & INNOVATIONS



S.No.	Name of the awardee	Name of the award	Year
1	Dr Saroj Yadav	International Academic Excellence Award	2024
2	Dr Hema Chaudhary	Eminent Scientist Award	2023
3	Dr Mohd. Mazar	Research Excellence Award	2023
4	Dr Saroj Verma	Innovation Excellence Award	2023
5	Mr Mohit Agrawal	Best Researcher Award	2023
6	Dr Saroj Verma	Certificate of top-cited article (Chromones: Privileged scaffold in anticancer drug discovery)	2022





MoU's



Year of Signing MoU	Name of the organization	Organization	Duration	Activities
2024	ICSCCB		1 year	<p>Activity 1 Biological potentials of carbazole derivatives: A review</p> <p>Activity 2 One day workshop on virtual Screening & Molecular docking in drug discovery navigating the frontier of cancer research (35 Participants)</p>
2023	Al-Ameen college of Pharmacy		3 year	<p>Activity 1 Faculty Exchange :Workshop on Advanced instruments-Hands on training (01 Faculty)</p> <p>Activity 2 Student Exchange: Workshop on Advanced instruments-Hands on training (02 students)</p>





MoU's



Year of Signing MoU	Name Of the organization	Organization	Duration	File Link	Activities
2022	Fortis Memorial Research Hospital Gurugram		1 year	Fortis memorial.pdf	<ul style="list-style-type: none"> Activity 1: Health Camp (56 Participants)
2022	Ektaa Hospital		5 year	Ektaa hospitals.pdf	<ul style="list-style-type: none"> Activity 1: Guest Lecture on Experience Our Expertise (20 Participants) Activity 2: Seminar on Values and Duties in Healthcare Professionals (60 Participants)
2022	Medox Hospital, Gurugram		5 year	Medox Hospital.pdf	<ul style="list-style-type: none"> Activity 1: Health Camp Check up at Ghamroj village (72 Participants) Activity 2: World Physiotherapy Day Celebration (104 Participants)
2021	Polaris Hospital Gurugram		5 year	Polaris hospital gurugram.pdf	<ul style="list-style-type: none"> Activity 1: Guest Lecture on "Experience and Expertise" (20 Participants)

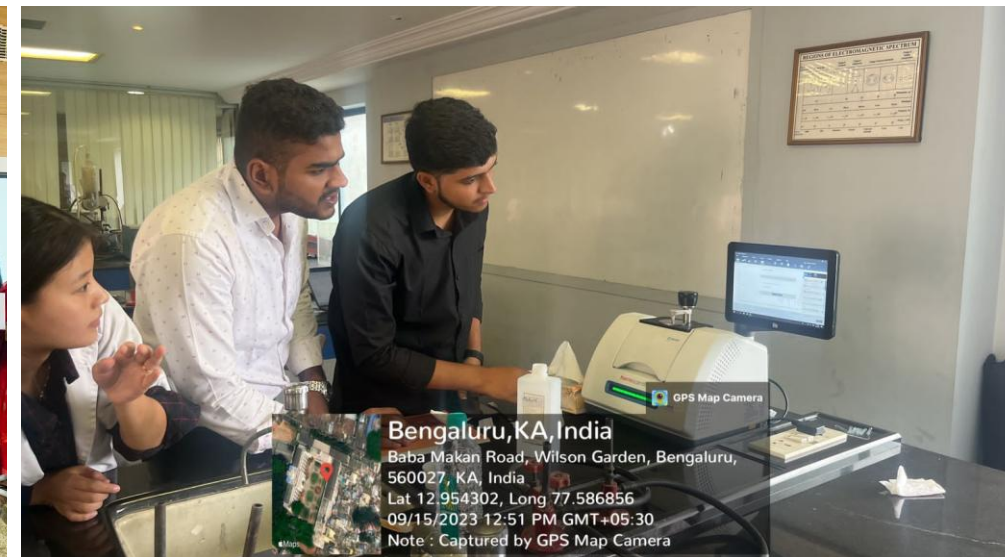
[SMAS MoUs.xlsx](#)



Glimpses of MoU's Activities



ICSCCB Workshop



Student Exchange Al-Ameen College of Pharmacy



Student Exchange BLDEA College of Pharmacy



Faculty Exchange Al-Ameen College of Pharmacy



INDUSTRY & PEER CONNECTS

Total MoUs 17



ICSCCB

The Present of Future Science Leaders!

1. One day Workshop on Virtual Screening & Molecular Docking in Drug Discovery Navigating the frontier of Cancer research
2. Biological Potentials of Carbazole Derivatives : A Review



Internship



1. Nano Herbal Formulation: An Impactful Approach for Alzheimer Diseases
2. Training Report on Various Laboratory Techniques



Clinical Training



1. Workshop on Advanced Instruments- Hands-on Training for students
2. Workshop on Advanced Instruments- Hands-on Training for faculties



Clinical Training



Patent



Clinical Training



Patent



Clinical Training



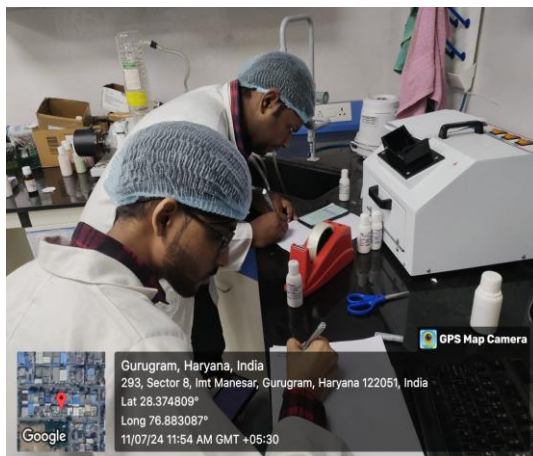
Patent



Clinical Training

[17 MoUs.xlsx](#)

Internships



CACHET PHARMACEUTICALS PVT. LTD.

VPO. - Thana. Baddi-Tehsil - Nalagarh, Distt.-Solani - 173205, (H.P.) Tel. : +91- 01795-667700
• E-mail : baddi@cachetindia.com. • Website : www.cachetindia.com.

TO WHOM SO EVER IT MAY CONCERN

This is to certify that, Mr. Aditya Kumar, Roll No.-2104120014 student of K.R. Mangalam University Gurgaon, Haryana, has successfully completed Industrial Training in our organization from 01.07.2024 to 31.07.2024.

He is sincere, honest, obedient, and a hard worker to his assigned job.

We wish him all the success in his life.

For Cachet Pharmaceuticals Pvt. Ltd.

For Cachet Pharmaceuticals Pvt. Ltd.
Authorized Signatory

Date: 31.07.2024
Place: Baddi

H.O. : 415, Shah Nahar, Dr. E Moses Road, Worli, Mumbai - 400 018, INDIA. Tel. : 91-22-2497 0011 / 40829999 Fax: 91-22-2497 3691
• Regd. Office : Exhibition Road, P. S. Gandhi Nagar, Patna - 800 001. CIN : U24230BR1978PTC001328 •



NITIN LIFESCIENCES LTD.

(A Company of Synkem Pharmaceuticals Ltd.)

Date : 30/07/2024

TO WHOM IT MAY CONCERN

Mr. Ravi Kumar S/o Sh. Pradeep Kumar Tiwari has undergone for Vocational training w.e.f 15-07-2024 to 30/07/2024 in QA/QC Department in our organization. With the best of my knowledge, he bears a good moral character.

As observed above student took keen interest to learn more in QA/QC department as was found sincere.

We wish him all the best of luck in the future.

Authorized Signatory
M/s Nitin Lifesciences Ltd.
Rampur Ghat Road, Paonta Sahib,
Distt-Sirmour. HP

Manufacturing Sites:
Paonta Sahib - Unit I & Unit II : Rampur Ghat Road, Paonta Sahib, Distt. Sirmour- 173025 (H.P.), Phone : +91 9816695560, +91 9816647765
Email : lifesciences@nitinlifesciences.com
Karnal - 92-93, Sector-3, H.S.I.I.D.C., Industrial Area, G.T. Road, Karnal - 132001, Haryana, INDIA
Tel. : +91-184-2221590, 92, 93 Email : info@nitinlifesciences.com

Group Corporate Office
Main Rohtak Road, Paschim Vihar (Near Paschim Vihar West Metro Station), New Delhi-110063, INDIA, 011-42428600 - 30
www.synkempharma.com, www.nitinlifesciences.com
CIN No. U73100HP2005PLC028049

Quality Autographed

Signature

SIGNATURE PHYTOCHEMICAL INDUSTRIES
Manufacturers of Pharmaceutical Formulations & Phytochemicals

REF.NO-24/2024-2025

Date: 08-08-2024

Training Certificate

TO WHOME SO EVER IT MAY CONCERN

This is to certify that Mr. Rishu Raj S/O Mr. Prushotam Kumar student of B. Pharma. from K.R. Mangalam University The complete world Education, Gurgaon Delhi has under gone Industrial Training w.e.f.

1 July 2024 to 01 Aug 2024 at our Organisation.

During the training he found hard working, sincere & honest.

We wish him best of luck for his bright future.

For Signature Phytochemical Industries

Authorized Signatory

Corp. Office : A-301, Peninsula Business Park, Ganpatrao Kadam Marg, Lower Panel West, Mumbai, Maharashtra 400013
Phone : 91-22-66261400 (100 Lines) E-mail : info@signaturepi.in

Works : 122, M. Industrial Estate Area, Selaqui, Dist. Dehradun - 248 011, Uttarakhand.
Phone : 0135 - 2699932 E-mail : works@signaturepi.in Website : http://www.signaturepi.in

Infrastructure and Learning Resources



"Where strong infrastructure meets accessible learning resources, education becomes not just possible, but powerful"



INFRASTRUCTURE AND LEARNING RESOURCES



INFRASTRUCTURE

No of ICT Enabled Classrooms	08+04
No of Laboratories	22(16+4+6)
Central Instrumentation Facility	01 (shared)
Animal House (CCSEA Approved)	01
Herbal Garden	01
Auditorium	01
Machine Room	01
Museum	01
Physiotherapy OPD	01



LEARNING RESOURCES



No. of Books – 7893
 No. of Titles – 3697
 No. of Print Journals – 15

Knimbus® online Library

Plagiarism software – Orkund (**DrillBit**)
Turnitin

Statistical software –
 Sigma Plot ver. 15

E-Journals via Online Databases:

E-journals via J - Gate – 815
 E-journals via IPC (Delnet) – 527



Internet Bandwidth 1 Gbps

ICT IN TEACHING LEARNING

Smart
Classrooms

Computer
Lab

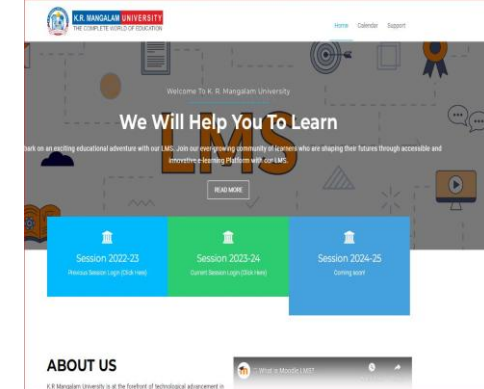
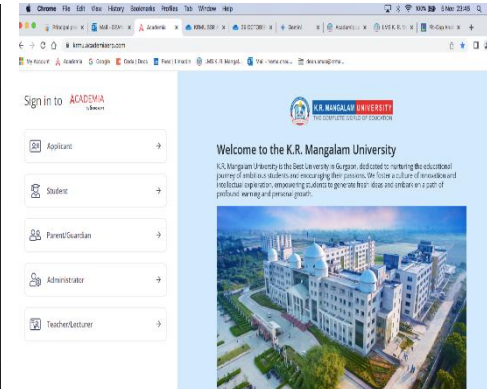
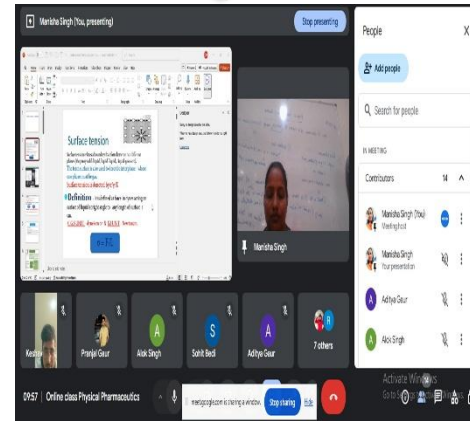
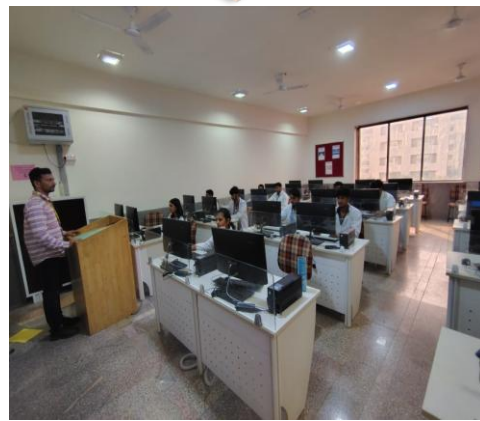
Virtual
classrooms

ERP

LMS

ACADEMIA
by SEROSOFT

moodle

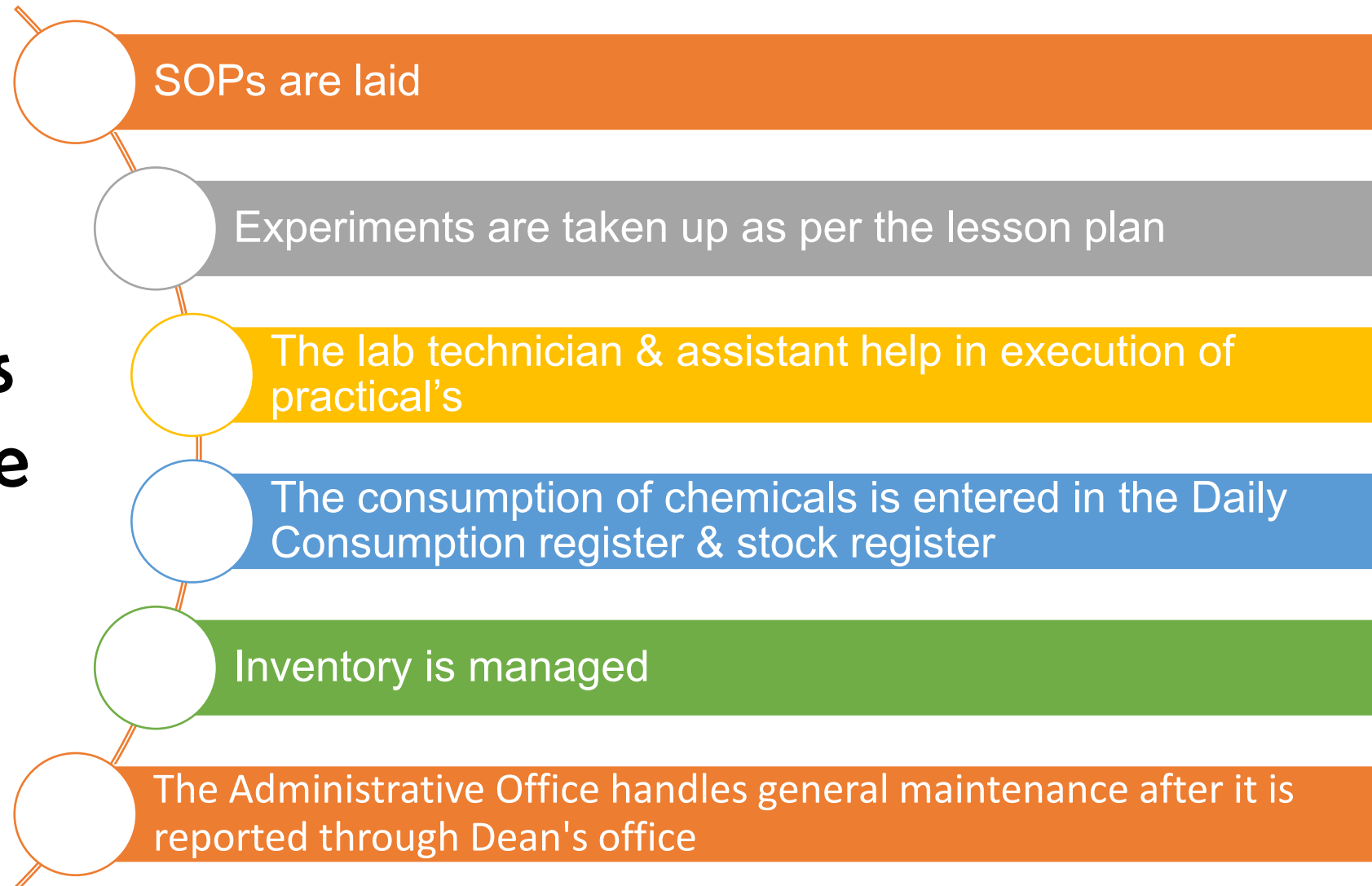


E Content developed on CEC Platform

<https://youtu.be/yZ-nwKRSbyk?si=bpBSWaz078EG61Hf>

MAINTENANCE OF LABORATORY FACILITIES

Laboratories Maintenance



Sports, Computer & Central Library are maintained centrally

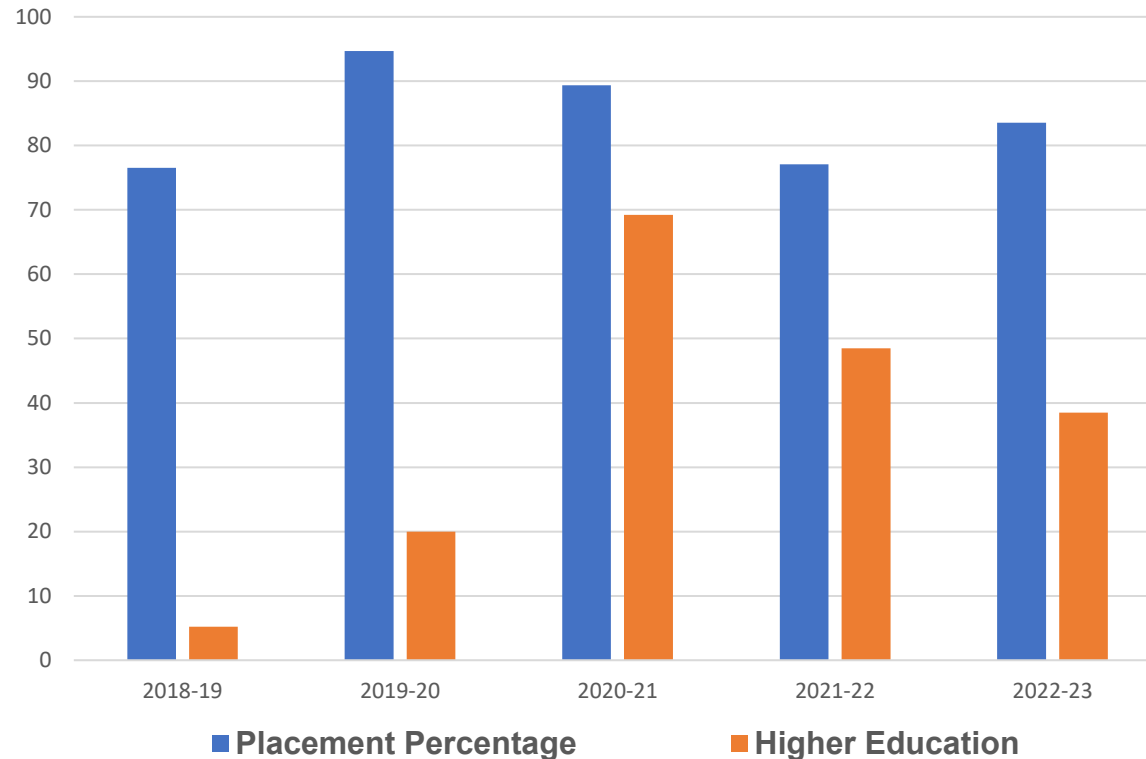
Student Support and Progression



"Support enables progress; progress fuels purpose — together they shape the path of student success"

STUDENT PROGRESSION: GRADUATE OUTCOMES

Number of Graduating students &
Progressing to Higher Education



Various prestigious institutes where students have enrolled for higher studies

- Symbiosis Institute of Health Care Management, Pune
- National Institute of Pharmaceutical Education and Research (NIPER)
- Jamia Hamdard University, Delhi
- Dr. B. R. Ambedkar University, Delhi
- International Institute of Health Management Research, Delhi
- University of East London, UK
- Delhi Pharmaceutical Sciences and Research University (DPSRU), New Delhi
- RMIT University, Melbourne City Campus

Main
Recruiters



Cipla



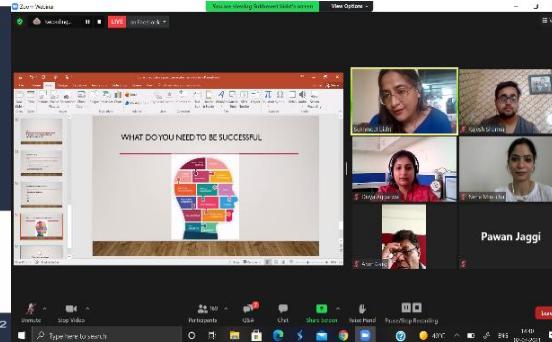
STUDENT SUPPORT: CAREER COUNSELLING INITIATIVES

Indian Pharmaceutical Export - Career for Students



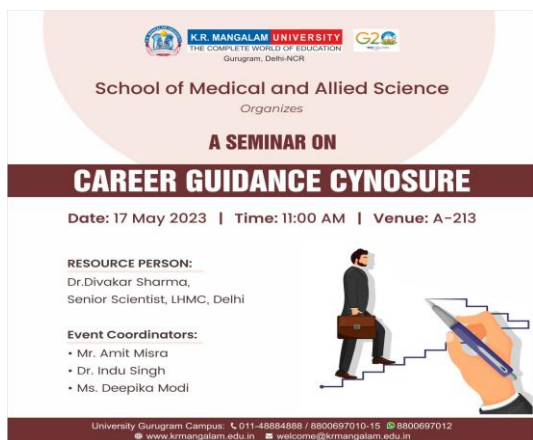
Dr. Appaji delivered lecture on Pharmacy career paths to **217 participants**

National Webinar on Current Regulatory Practices in Pharma Industry: Regulatory as a Career



Over **300 participants** from various states joined via Zoom and Facebook

CYNOSURE: CAREER GUIDANCE



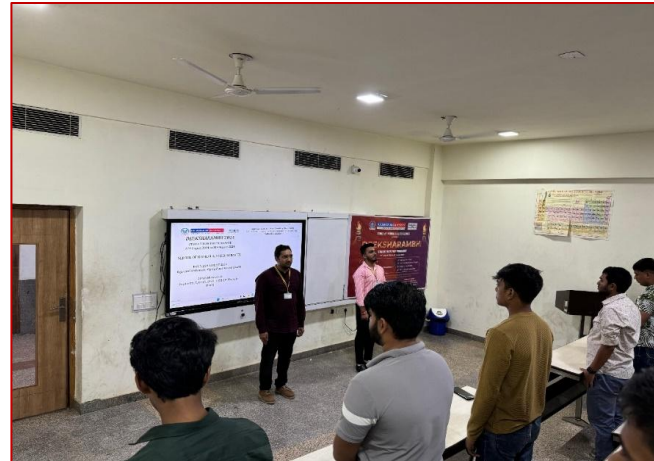
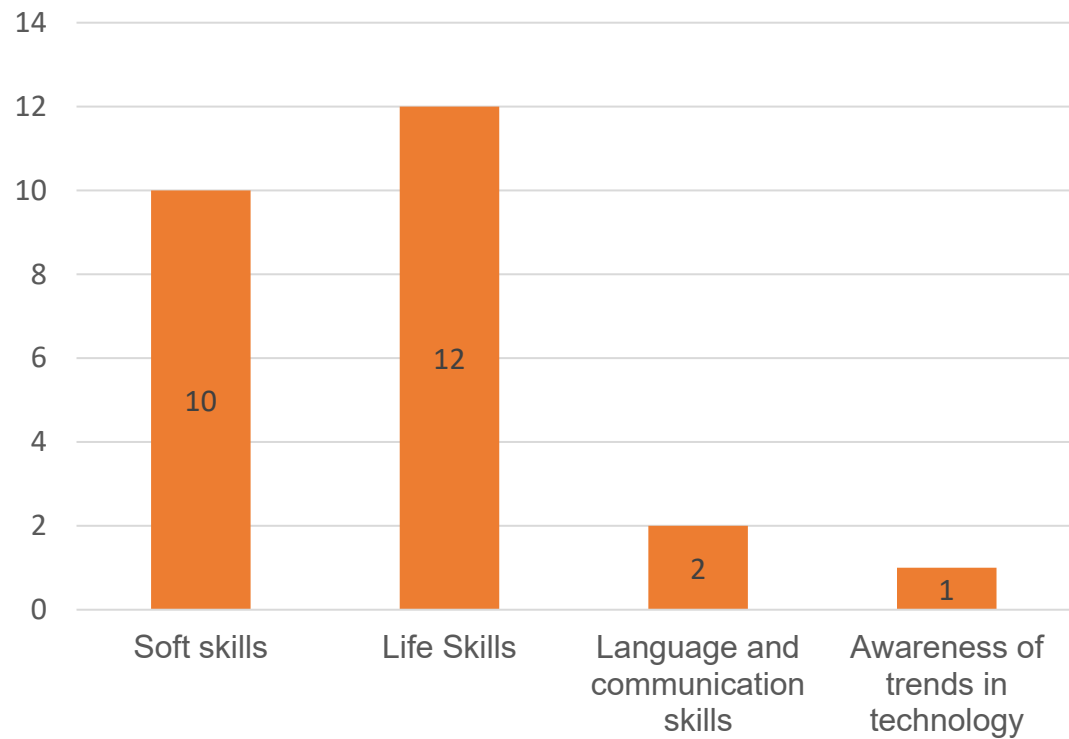
Dr. Divakar Sharma, Senior Scientist at LHMC, Delhi

Career Mentorship



Preparation for National Physical Therapy Examination and Dubai Health Authority certification

CAPABILITY ENHANCEMENT PROGRAMS



Yoga trainer giving instruction on Meditation to Students



Students involved in meditation

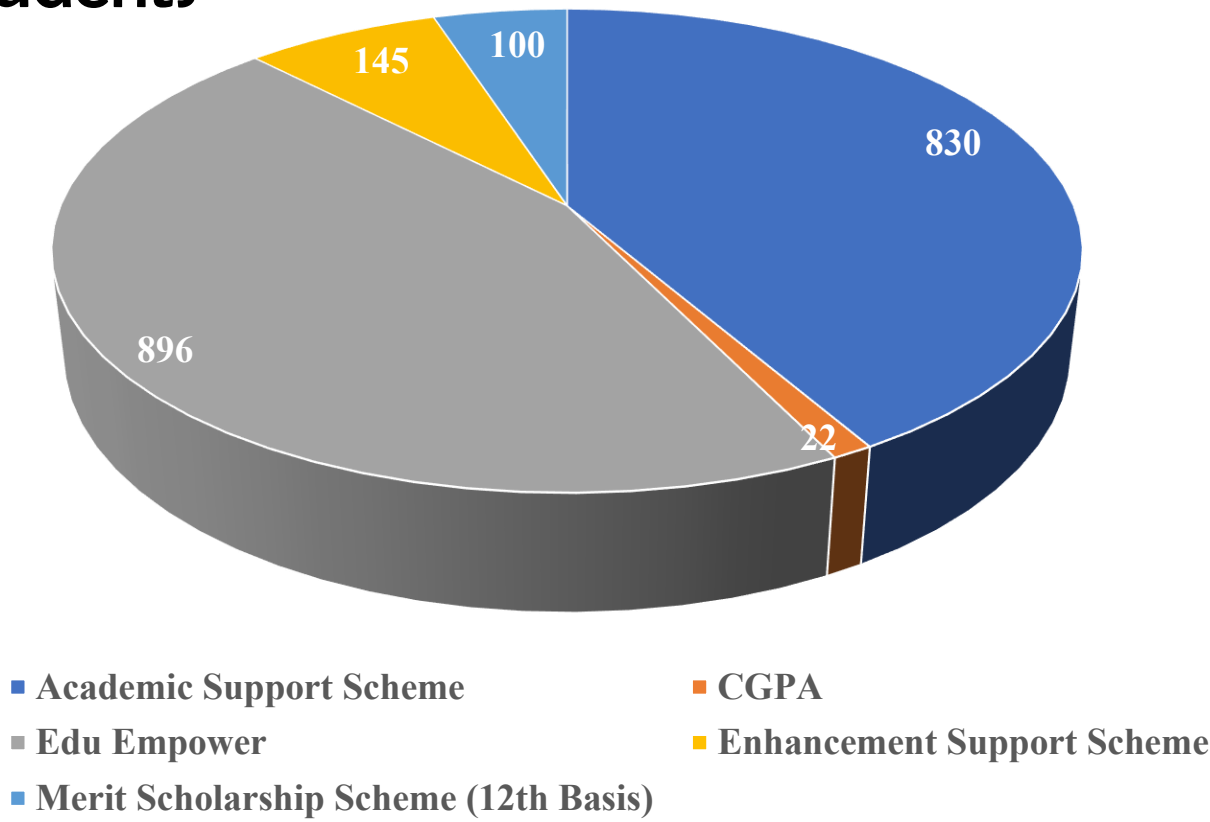


Session on building gratitude in both personal & professional life

STUDENT SCHOLARSHIPS

Various Scholarships extended to students Institutional Schemes

- Academic Support Scheme
- CGPA
- EDU Empower
- Enhancement Support Scheme
- Merit Scholarship Scheme
- Doctoral Research Fellowship



Government Scholarships Schemes : Available on NSP

REPRESENTATION OF STUDENTS ON ACADEMIC & ADMINISTRATIVE COMMITTEES



Purpose of the Student Council

To provide students with an opportunity to engage in a structured partnership with the university, encouraging communication among groups, fostering collaboration among students, faculty, and administration, and promoting respect and order. Additionally, the council involves organizing various activities and participating in competitions.



Objectives of the Student Council

The goals are to enhance student involvement and pride, develop leadership skills, and foster responsible citizenship. This includes upholding student interests, promoting democratic values, encouraging communication among groups, fostering collaboration among students, faculty, and administration, and promoting respect and order. Additionally, the council involves organizing various activities and participating in competitions.



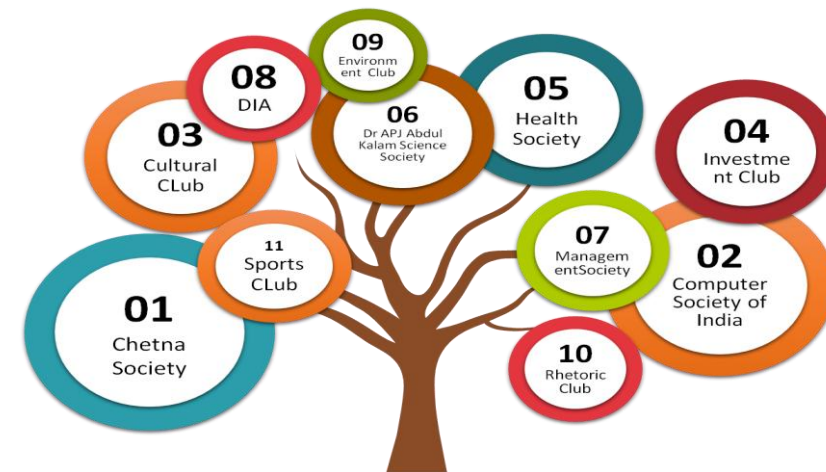
Impact

Ensuring that students have a positive and fulfilling experience during their academic journey.





Societies & Clubs



Student Council Member from SMAS

Session	Roll no.	Name	Program	Position
2018-19	1504120041	Jyoti Yadav	B Pharm	Member
2019-20	1604120011	Tanya Agarwal	B Pharm	Member
2020-21	1904650002	Shikha Chaudhary	M Pharm	Member
2021-22	2004650003	Vani Gulati	M Pharm	Member

Alumni

Graduating students
(2018-2023)

634



Awards Instituted for Alumni's

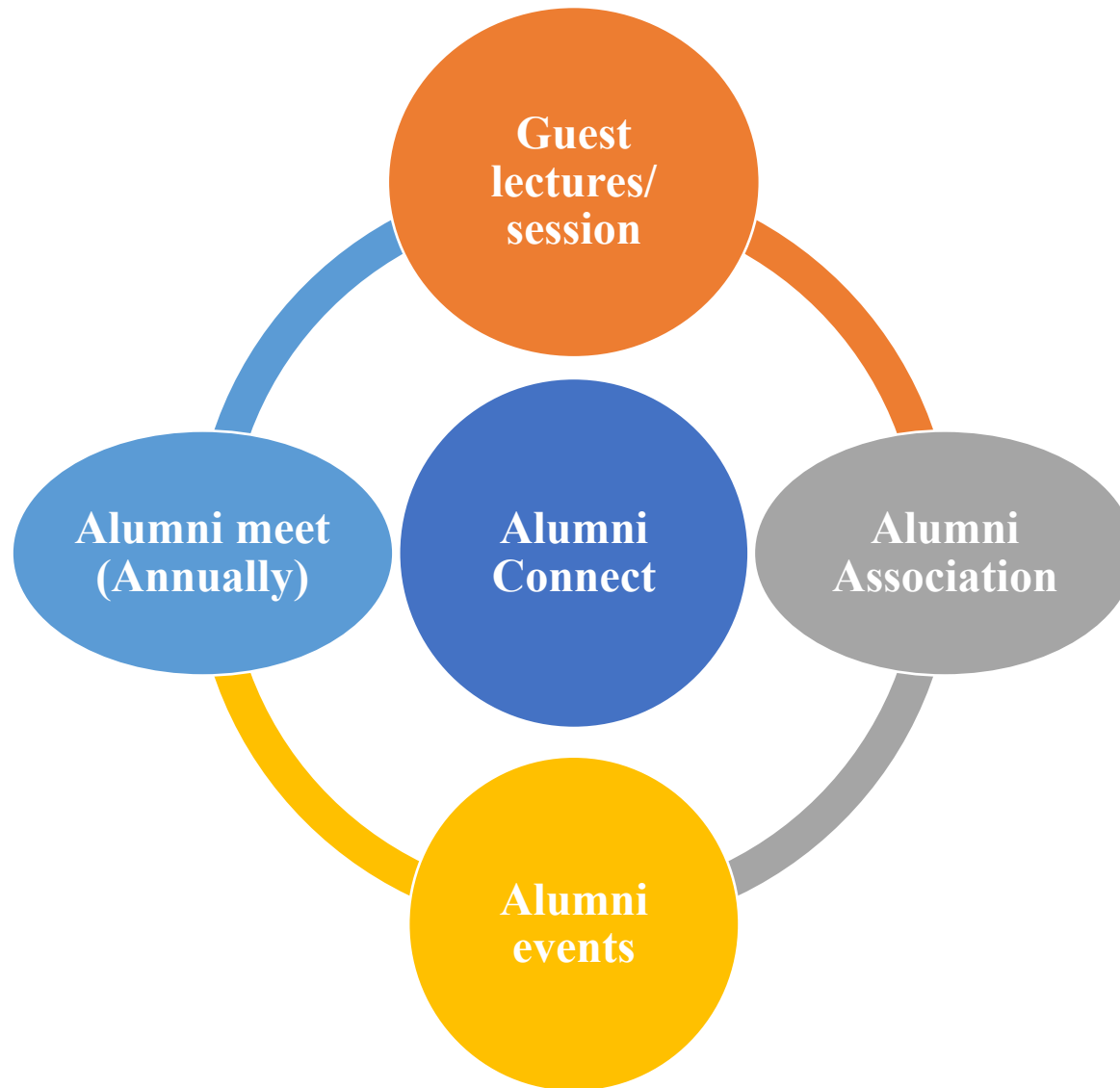
- KRMU Alumni Achiever Award for Corporate Excellence
- KRMU Alumni Achiever Award for Outstanding Entrepreneurship
- KRMU Alumni Achiever Award for Outstanding Public Contribution
- KRMU Alumni Achiever Award for Outstanding Contribution to Alma Mater
- KRMU Alumni Achiever Award for Outstanding Contribution to Education



Alumni Meet 2023

Students graduating in academic session	B. Pharm	M. Pharm (Pharmaceutics + Pharmacology)	D. Pharm	Ph. D
2022-2023	39	8+2	30	2
2021-2022	80	8+6	54	4
2020-2021	45	15+6	59	4
2019-2020	44	7+2	47	-
2018-2019	46	-	37	-

ALUMNI CONNECT



❖ Alumni Meet (hosted annually)



SMAS, number of Alumni (2018-2023) = 600+

Total number of registered alumni (2018-2023) = 492

Guest Lectures : Congregation, Discussion des anciens 2K23



NOTABLE ALUMNI



Ms. Mansi Rajput
District Epidemiologist, NHM



Mr. Rajesh Sharma
District Consultant, SHRC



Mr. Sahil Bansal
Regulatory Affairs
Coordinator at Systopic Pvt. Ltd.



Ms. Jyoti Rai
Research Analyst
Shivali Rasayan Ltd.



Ms. Palak Chugh
Research Associate
Mankind Pharma Ltd.



Mr. Aman Singh Ahirwal
Quality Analyst
Cognizant



Mr. Hardik Madaan
Product Executive
Abbott Pharmaceutical Laboratory



Dr. Sunil Chahar
Associate Professor
Sushant University



Mr. Gaurav Kaushik
Procurement Officer
Pharmaceutical & Medical Devices
Bureau of India (PMBI)



Dr. Richa
Assistant Professor
Sharda University



STUDENT'S ACHIEVEMENTS

[SMAS STUDENTS
ARTICLES.xlsx](#)

Publications

10

01

Book

[SMAS STUDENTS
BOOK
PUBLISHED.xlsx](#)

[SMAS STUDENTS
BOOK CHAPTER
PUBLISHED.xlsx](#)

Book Chapters

12

53

Dissertation

[SMAS
DISSERTATIONS.xlsx](#)

[SMAS EXTENSION
ACTIVITY.xlsx](#)

Extension Activities

10+2

PUBLICATIONS

BOOK



Journal of Pharmaceutical Research International

23(330): 25-43, 2021; Article no.JPRI.82794
ISSN: 2458-9419
Print name: Bioscience Journal of Pharmaceutical Research, Print ISSN: 2231-2019,
e-ISSN: 2458-9419

Design and Evaluation of Olanzapine and Risperidone Transdermal Patches Containing Vegetable Oils as Permeation Enhancers

Bharat Lal* and Manoj Gadewar*

*Department of Pharmaceutics, K.R. Mangalam University, Haryana, India.

Authors' contributions

This work was carried out in collaboration between both authors. Both authors read and approved the final manuscript.

Article Information

DOI: 10.5773/JPRI2021V33(330)82794

Open Peer Review History

This journal follows the Advanced Open Peer Review policy. Identity of the Reviewers, Editor(s) and additional Reviewers, peer review comments, different versions of the manuscript, comments of the editors, etc. are available here: <https://www.scitecresearch.com/review-history/52746>

Received 24 October 2021
Accepted 28 December 2021
Published 29 December 2021

Original Research Article

ABSTRACT

Objective: Design and Evaluation of Olanzapine and Risperidone Transdermal Patches
Methodology: Using blends of two different polymeric combinations, Eudragit RL 100 (EPL 100) and Eudragit (ERS 100). A total of twenty-two matrix patches were prepared by using these polymers, surfactants (cationic surfactant, benzalkonium chloride (BC), anionic surfactant, sodium lauryl sulphate (SLS), non-ionic surfactant, span 20) and vegetable oils (olive oil, jojoba oil and groundnut oil) as permeation enhancers in isopropyl-dichloromethane (80:40) as a solvent system. The formulations were characterized including uniformity of weight, drug content, moisture content, moisture uptake, fineness, folding endurance and thickness to study the stability of the formulations and in vitro dissolution of the experimental formulations were performed to determine the amount of Olanzapine and Risperidone present in the patches and scanning electron microscopy (SEM) of the prepared TDS were taken to see the drug distribution pattern, drug-excipient interaction studies were carried out using Fourier transform infrared (FTIR) spectroscopic technique.
Results: In vitro dissolution studies showed that the drug distribution in the matrix was homogeneous and it was found that the maximum drug release and in stability study drug content was found to be 97.03%, 97.02% and 98.32% after 1, 2 and 3 months respectively with formulation ROES (containing olive oil). In vitro skin permeation study was also conducted in a modified Franz's

*Corresponding author: E-mail: bharatlal04@gmail.com

Neuro Quantology | September 2022 | Volume 20 | Issue 9 | Page 6592-6601 | doi: 10.14754/neq.2022.20.9.6592-6601
Bharat Lal, Manoj Gadewar/Simultaneous Estimation of Antipsychotic Drugs by RP-HPLC

Simultaneous Estimation of Antipsychotic Drugs by RP-HPLC

Bharat Lal*, Manoj Gadewar*

*Department of Pharmaceutics, K.R. Mangalam University, Haryana, India

Email: bharatlal04@gmail.com

*Department of Pharmaceutics, K.R. Mangalam University, Haryana, India

Email: manoj.gadewar@krmangalam.edu.in

*Corresponding Author: Manoj Gadewar,

Department of Pharmaceutics, K.R. Mangalam University, Haryana, India

manoj.gadewar@krmangalam.edu.in

Abstract

A rapid, specific RP-HPLC technique has been developed for simultaneous resolve of risperidone and olanzapine. Drugs were subjected to stress conditions such as acidic, alkaline and oxidative hydrolysis. Chromatographic separation of these pure drugs was carried with a 50:50 (v/v) mixture of acetonitrile and Potassium Di Hydrogen Phosphate and 40:60 (v/v) mixture of acetonitrile and Potassium Di Hydrogen Phosphate Buffer as mobile phase. The current rate was 1.0 ml. min⁻¹ and the analysis was monitored at 235 nm by UV detection.

Keywords: Risperidone, Olanzapine, RP-HPLC, Acetonitrile, Potassium.

DOI Number: 10.14754/neq.2022.20.9.6592-6601

Introduction

Olanzapine and risperidone medications for successful therapy for schizophrenia and similar disorders are deemed universally beneficial. In recent years, standard antipsychotic medications in schizophrenia have been substituted by greater effectiveness and lower side effects as part of the therapy of schizophrenia [1], [2]. "Atypical" antipsychotics were evaluated for specificity, accuracy, linearity and stability of the solution. Drugs also suffer from acid, alkaline and oxidative hydrolysis conditions stressful Drugs (30% v/v H₂O) [3].
Method Development
TRAIL-1
Preparation of Buffer:
Take 295mg potassium dihydrogen phosphate of 0.02 M was method in 100 ml of water and regulate the pH-3 using diluted O-phosphoric acid [4].
Preparation of mobilephase:
Clean and degassed combination of acetonitrile: buffer in the ratio of 50:50 and filter through

eISSN 1303-5150

www.neuroquantology.com



In-vivo evaluation of neuroprotective effect of Chinese plant *calendula officinalis* Linn. Flower Extract against Aluminium chloride-induced Alzheimer's in Wistar rats

Yash Jasoria^a, Mohit Agrawal^a, Shivendra Kumar^b, Hema Chaudhary^a, Kamal Kumar Saha^a, Manmohan Singhal^a, Swarnita Arora^a, Pritynika Chaudhali^a, Sunam Saha^a, Kuldeep Singh^a, Sangeta Mahour^a, Wasim Akram^a, Divya Jain^a

^aSchool of Medical & Allied Sciences, K.R. Mangalam University, Gurgaon, Haryana, India
^bHigh Institute of Pharmacy, India, UP, India
^cFaculty of Pharmaceutical Research, OLA University, India, UP, India
^dFaculty of Pharmacy, JNU University, Varanasi, Uttar Pradesh, India
^eDepartment of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^fFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^gFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^hFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
ⁱFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^jFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^kFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^lFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^mFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
ⁿFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^oFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^pFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^qFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^rFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^sFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^tFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^uFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^vFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^wFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^xFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^yFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India
^zFaculty of Pharmacy, K.R. Mangalam University, Gurgaon, Haryana, India

ARTICLE INFO

ABSTRACT

Objective: To investigate the neuroprotective properties of *Calendula officinalis* Linn. flower extract (CE) against metal-catalyzed oxidative and cognitive dysfunction induced by aluminum chloride (AlCl₃) in experimental rats. **Methodology:** CE (100, 200, and 300 mg/kg p.o.) was given once daily following the treatment of AlCl₃ (100 mg/kg p.o.) to male Wistar rats for 28 days. On the 1st, 10th, and 20th days, the redox state, superoxide dismutase activity, and other antioxidants were used as biomarkers to characterize the neuroprotective and neurodegenerative effects. On the 28th day, animals were sacrificed and brains removed for biochemical and histopathological analysis.
Results: *Calendula officinalis* Linn. extract significantly attenuated the AlCl₃-induced alteration in body weight, and motor coordination such as locomotion, stride length, and gait response parameters. CE also reduced oxidative stress by increasing GSH content, SOD, and decreasing TBARS levels. *Calendula officinalis* Linn. extract also showed more pronounced therapeutic effects. $P < 0.05$ and more < 0.01 were used to compare mean values with control, disease control, and high dose of *Calendula officinalis* Linn. extract.
Conclusion: Based on our study, *Calendula officinalis* Linn. extract has been proposed as a potential for AlCl₃-induced neurotoxicity. We conclude that *Calendula officinalis* Linn. extract attenuates aluminum chloride-induced oxidative stress and behavioral alterations in rats treated with aluminum chloride. *Calendula officinalis* Linn. flower extract contains anti-inflammatory and antioxidant effects that might be responsible for its neuroprotective properties.

Introduction

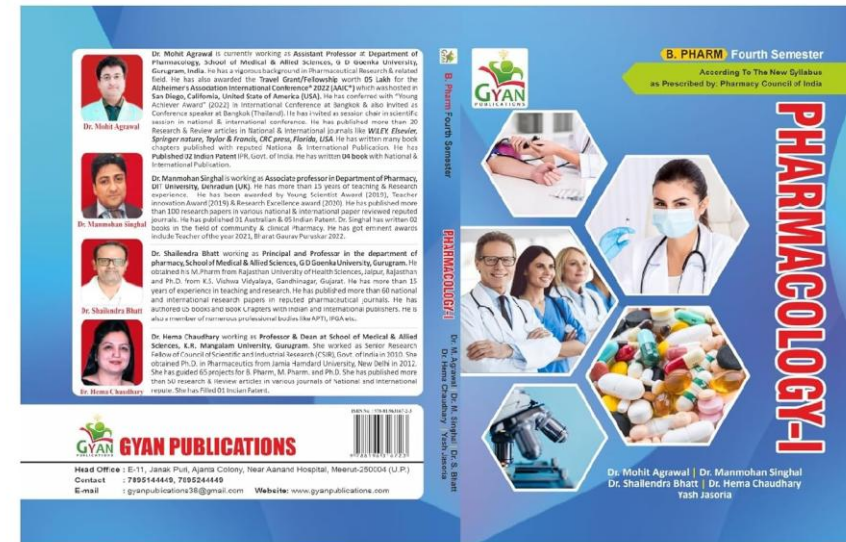
Alzheimer's disease (AD) is a neurodegenerative disorder that progressively impairs a person's cognitive function. It is projected that around 55 million individuals are living with AD-associated dementia, and that

figure will increase to 132.8 million by 2050 [1]. It is the fourth most common death-causing disease in the US after cancer, heart disease, and stroke [2]. AD pathogenesis is characterized by neuronal damage and death, beginning with the hippocampus and progressing to amyloid, which damages every other area of the brain [3]. Alzheimer's patients

* Corresponding author: E-mail: bharatlal04@gmail.com

Received 17 April 2022; Received in revised form 27 May 2022; Accepted 27 May 2022

Available online 1 June 2022
2021-14754/neq.2022.20.9.6592-6601. This is an open access article under the CC BY-NC-ND license (<http://creativecommons.org/licenses/by-nc-nd/4.0/>).



B. PHARM Fourth Semester

According To The New Syllabus as Prescribed by Pharmacy Council of India

PHARMACOLOGY-I

Dr. Mohit Agrawal | Dr. Manmohan Singhal
Dr. Shalendra Bhatt | Dr. Hema Chaudhary
Yash Jasoria

Head Office : C-11, Janpur Puri, Agam Colony, Near Anand Hospital, Meerut-200004 (U.P.)
Contact : 7895544449, 7895244449
E-mail : gyanpublications38@gmail.com Website: www.gyanpublications.com

About Us Subjects Browse Products Request a trial Librarian Resources What's New!

Home > Bioscience > Pharmaceutical Science > Pharmacy > Pharmacological Aspects of Essential Oils > Pharmacological Aspects of Coriander Essential Oils



Chapter

Pharmacological Aspects of Coriander Essential Oils

By Mohit Agrawal^a, Manmohan Singhal^b, Yash Jasoria^c, Hema Chaudhary^d, Bhupendra G. Prapajati^e

Book Pharmacological Aspects of Essential Oils

Edition 1st Edition

First Published 2023

Imprint CRC Press

Pages 16

You do not have access to this content currently. Please click 'Get Access' button to see if you or your institution have access to this content.

GET ACCESS

To purchase a print version of this book for personal use or request an inspection copy >>

GO TO ROUTLEDGE.COM



Alzheimer's Disease and Advanced Drug Delivery Strategies

2024, Pages 13-32

Chapter 2 - Neuroinflammation in Alzheimer's disease

Mohit Agrawal^a, Manmohan Singhal^b, Bhupendra Gopalbhai Prapajati^c, Hema Chaudhary^d, Yash Jasoria^e, Bhavna Kumar^f, Mandeep Kumar Arora^g, Jagannath Sahoo^h

Show more >

+ Add to Mendeley < Share < Cite <

<https://doi.org/10.1016/B978-0-443-13205-6.00003-0>

Get rights and content >

Abstract

Alzheimer's disease (AD), a pathology first described by Alois Alzheimer in 1906, It is a neurodegenerative disorder that is the most common cause of dementia which is characterized by functional and neuronal loss in the brain. It has recently been suggested that mechanisms like chronic neuroinflammation may occur before amyloid- β and tau



STUDENTS ACHIEVEMENTS

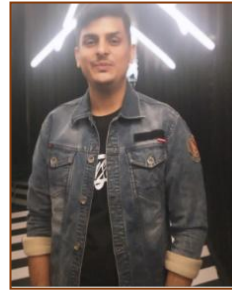
Academic Achievements



Kajal Kumari
GPAT, 2020



Vaibhav Gandhi
GPAT 2024, NIPER 2024

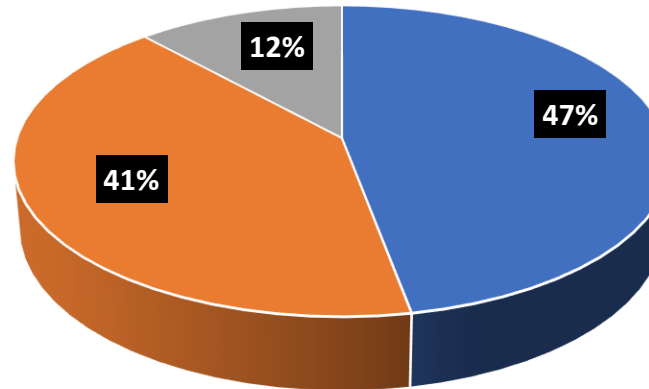


Aman
NIPER, 2024

Research Achievements



EXTRACURRICULAR ACTIVITIES



1st	2nd	3rd
Volleyball Table - Tennis Football	Chess Cricket Basketball	Singing Fitness Pro- challenge



CERTIFICATIONS & AWARDS



- ✓ Certification Courses
- ✓ Training Programs
- ✓ Two weeks International Summer School Program at Portsmouth University, UK

Governance, Leadership and Management



"The synergy of governance, leadership, and management is the backbone of any thriving institution"

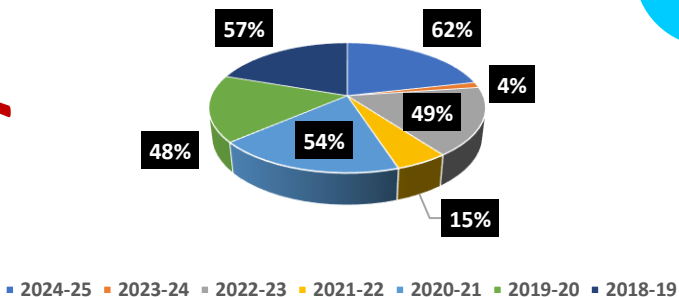
Workshops on OBE, Intensive Teaching

Sponsorship & Support for attending FDPs/MDPs/Conference/Academic invites

Hands on training for smart panels, ICT tools, online lecture recordings

Incentives on research outputs and concession on fees to in-house enrolled faculty

Percentage Faculty Received Financial Support



Academic Leave & Study leave for pursuing Higher education

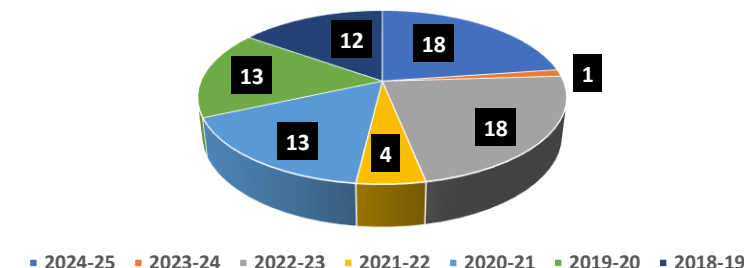
AC buses transport facility, creche facility, OPD facility, free health check up

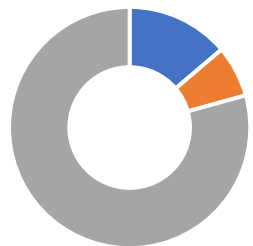
15% concessions in fees to wards of employees

Employee Provident fund and Gratuity

ESI facility

No. of Faculties Received Financial Support





■ Conference ■ FDP ■ FDP attended

CONFERENCES & FDPs



**Conference
(Organized) - 04**



01

- DST SERB Grant of 01 Lakh Rupees: "Current Paradigm in Cancer Theranostics"
- DST SERB Grant of 01 Lakh Rupees: "Drug Repurposing: A New Ray for Overcome COVID-19 Disaster"

02

**Conference
(Attended) - 43**



03

**Workshops/
Seminars
(Organized) - 12**



04

**FDPs
(Organized) – 08
(Attended) - 64**



05

**Workshops/
Seminars
(Attended) - 30**



- National Level : Initiatives for Fostering Quality Higher Education in India in the 21st Century
- National Level : Impact of interdisciplinary research in drug discovery & Development

Institutional Values and Best Practices



"Values set the direction; best practices pave the way for an institution's journey toward excellence"

GENDER EQUITY

Gender Audit

Establishment of
Gender
Sensitization
Committee

Safety and
Security

Awareness
sessions &
activities

Sensitization to gender equity & inclusion

Seminar on the theme "Success stories of women in science and their contribution", 27 March 2023

"Mission Shakti" Campaign on Menstrual Sanitation at Berka Village, 5 April 2023



Students attending the session on Gender Equity



Invited Guest addressing the students



Felicitation of the guest by faculty coordinators



Faculty coordinator communicating with the local people



Faculty coordinator distributing sanitary napkins to female students of the village

University Initiatives

GREEN CAMPUS INITIATIVES

School's Contribution

1 Restricted Entry of Automobiles

2 Use of Bicycles/battery-powered vehicles

3 Landscaping with Trees and Plants

4 Energy Saving Initiatives

5 Activities to Promote Green Campus

✓ Development and maintenance of Herbal Garden



✓ Field visits to herbal garden for awareness of the students about flora & fauna with their uses



Students visit to Biodiversity Park

INITIATIVES IN PROVIDING AN INCLUSIVE ENVIRONMENT

Organize activities and events related to socio-economic and communal issues

Celebration of Commemorative days

Celebration of Cultural festivals

Take up projects based on the theme to promote local and regional culture

OUTCOMES

- ✓ Establishment of positive interaction among people of different racial and cultural backgrounds
- ✓ Awareness about the national leaders and their contributions
- ✓ Enriching traditional beliefs from various states across India

"EAST OR WEST INDIA IS THE BEST" (To commemorate ethnicity among students), 21 April 2023



Student participants

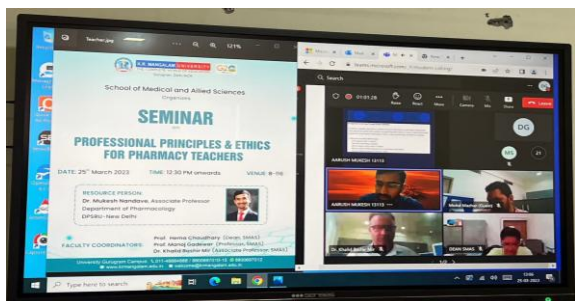


Evaluators with students



Faculty coordinators and students

**Seminar on "Professional Principles & Ethics for Pharmacists" for teachers
(25 March 2022)**



**Presentation by the Invited Speaker
Dr Mukesh Nandave**



**Session on Code of Conduct for
students**

**Workshop on Basic Life Support
(19th May 2023)**



Students learning BLS from expert

SENSITIZATION OF STUDENTS AND EMPLOYEES OF THE INSTITUTION TO THE CONSTITUTIONAL OBLIGATIONS



**Organized activities on
Code of Conduct**

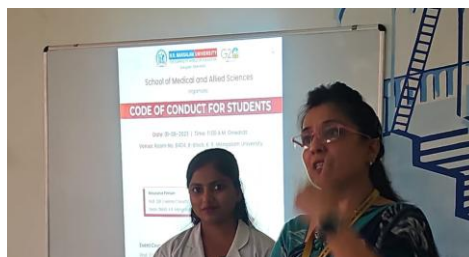
Seminars

Workshops

Meetings &
General
Discussions

Improved knowledge of constitutional obligations for both faculties
and students

**Etiquette (Code of Conduct for Students)
(31 May 2023)**



Dean SMAS addressing the students and faculty members

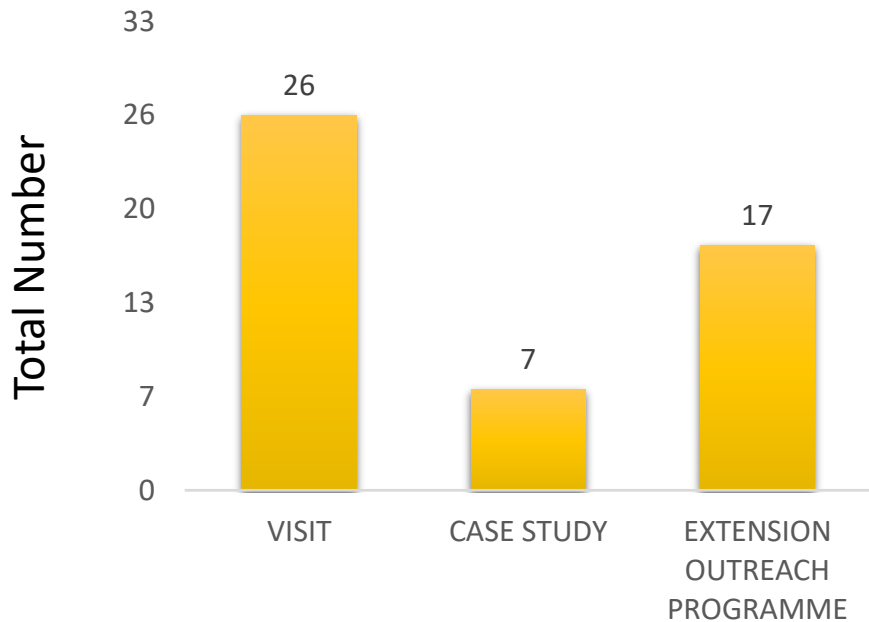
**Training program for Non-Teaching Staff
(Professional ethics)
(23 September 2023)**



**Faculty coordinator addressing non-
teaching staff members**



SOCIETAL CONNECT



SOCIAL OUTREACH ACTIVITIES ORGANISED (50)



Health Camp



Field visit to Biodiversity Park



Case Study: Health Plus Monitoring Wellness
in our neighbourhood



Case Study: Study on Stress Incontinence:
Women's Health in Rural Haryana

STUDENT ENGAGEMENT



Introduction & familiarization of School



Students performing balloon blowing activity



Students performing paper chain activity



Orientation of LMS to students



Practical training in labs



Academic visit to Pharma Industry

BEST PRACTICES

Best Practice 1: Environment Sustainability



Biomedical Waste Management



Chemical Waste Management

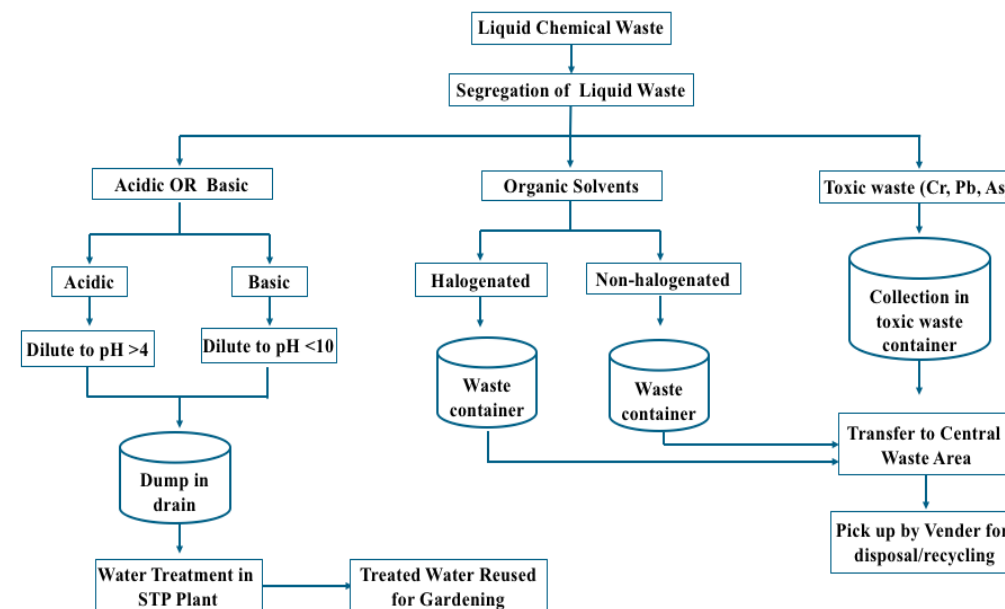
School contributes to University Best Practice of Environment Sustainability

- Open Elective Course on Chemical Hazards for 03 credits with 45 hrs engagement is offered pan university
- Orientation sessions are conducted for students & staff regarding handling of chemicals
- Chemical waste management to maintain Environmental Sustainability



Biomedical waste collection bins

Chemical Waste Management



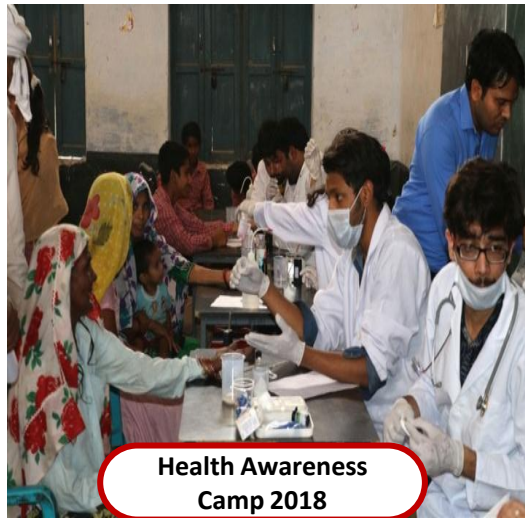
BEST PRACTICE 2: HOLISTIC DEVELOPMENT THROUGH COMMUNITY CONNECT



School organizes Extension & Outreach activities

Outcomes:

- ✓ increased awareness
- ✓ improved health
- ✓ empowered communities
- ✓ create sustainable solutions
- ✓ build relationships



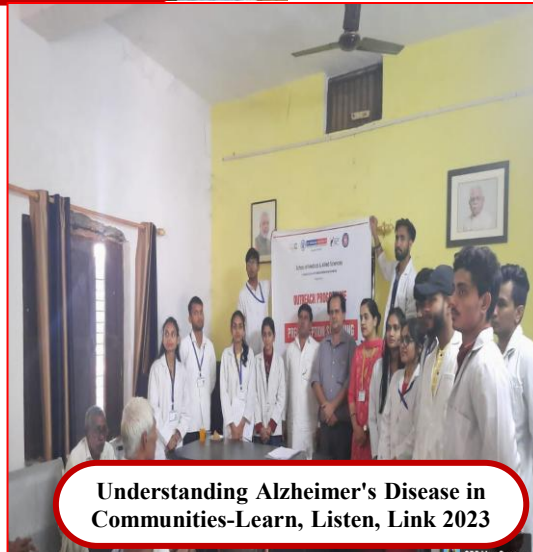
Health Awareness
Camp 2018



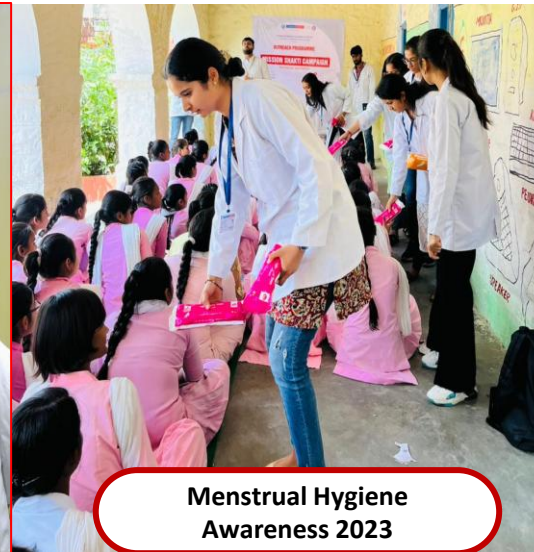
OTC Medication
Awareness 2018



Health Check-up Camp
2019



Understanding Alzheimer's Disease in
Communities-Learn, Listen, Link 2023

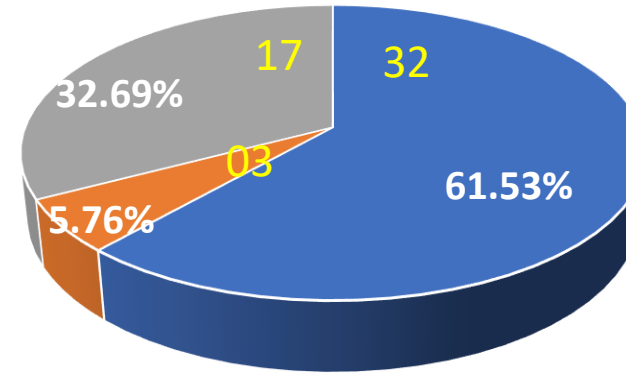


Menstrual Hygiene
Awareness 2023

- Organize Health Camps in villages
- Undertake case studies (Aryogam 1.0) on Anemia
- Outreach & Extension activities
 - Educate the public on health & hygiene
 - Education girls for menstrual hygiene
 - Awareness drive on Drug abuse
 - Awareness on hazards of self-medication
- Organize dental checkup camps

DISTINCTIVENESS

❖ Hands on, student centered learning experiences



Total activities 52

- ❖ Experiential Learning
- ❖ Project Based Learning
- ❖ Participative Based Learning

Outcome:

To prepare well-rounded professionals with strong practical skills, critical thinking abilities, and a commitment to community service, setting the institute apart.



Demystifying success key for Competitive Exam & career



Field Visit to the Indian Spinal Injuries Centre



Guest Lecture on Ensuring Drug Safety- Insights on Pharmacovigilance



Industrial Visit to Yakult Danone India Pvt. Ltd.

SMAS TRENDS : A RISING TRAJECTORY



Experiential learning



Participative learning



Digital learning

FUTURE ROAD MAP FOR SMAS

NIRF Ranking & NBA Accreditation

To achieve NBA accreditation for B Pharm Program and secure a position within the top 100 of the NIRF Pharmacy ranking in 2025

Industry & Foreign Collaborations

Potential partners identified. initial contact & relationship building (3-6 months), Develop detailed project proposals (6-9months) Negotiate & Agreement (9-12 months) develop detailed project plan (12 months onwards) & Approach Universities to collaborate for knowledge transfer

Introduction of new PG programs

To start B. Sc (Hons.) programs under allied sciences in 2025-26 & M. Pharm specialization in P. Chemistry, Regulatory affairs by 2026-27

Development of Center of Excellence

To start COE and foster research and address community challenges in 2025

Promotion of transdisciplinary research

Collaborating with SBAS to work on Nanotechnology & SOET for integrating technology with healthcare in the upcoming semester, session 2025-2026

Project Grants

Submit proposals for grants to DST, ICMR, DRDO, BIRAC in next two months



THANK YOU!

