



(Approved by AICTE, PCI and Affiliated to Osmania University)

BROCHURE /PROSPECTUS, AND HANDBOOK/SYLLABUS BOOK HIGHLIGHTING PROGRAMS AND COURSES OFFERED FOR EACH YEAR FOR ALL THE 5 ASSESSMENT YEARS

Academic Year	Program	I Year SYLLABUS	II YEAR SYLLABUS	III YEAR SYLLABUS	IV YEAR SYLLABUS	V YEAR SYLLABUS	VI YEAR SYLLABUS
2016-17	B.Pharmacy-	CBCS	Non-CBCS	Non CBCS	Non-CBCS	-	-
	Pharm.D	PCI	PCI	-	-	-	-
	M.Pharmacy	CBCS	CBCS	-	-	-	-
2017-18	B.Pharmacy	PCI	CBCS	Non CBCS	Non-CBCS	-	-
	Pharm.D	PCI	PCI	PCI	-	-	-
	M.Pharmacy	PCI	CBCS	-	-	-	-
2018-19	B.Pharmacy	PCI	PCI	CBCS	Non-CBCS	-	-
	Pharm.D	PCI	PCI	PCI	PCI	-	-
	M.Pharmacy	PCI	PCI	-	-	-	-
	Pharm.D(PB)	PCI	-	-	-	-	-
2019-20	B.Pharmacy	PCI	PCI	PCI	CBCS	-	-
	Pharm.D	PCI	PCI	PCI	PCI	PCI	-
	M.Pharmacy	PCI	PCI	-	-	-	-
	Pharm.D(PB)	PCI	PCI	-	-	-	-
2020-21	B.Pharmacy	PCI	PCI	PCI	PCI	-	-
	Pharm.D	PCI	PCI	PCI	PCI	PCI	PCI
	M.Pharmacy	PCI	PCI	-	-	-	-
	Pharm.D(PB)	PCI	PCI	PCI	-	-	-

Rashid Ali

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Brochure-2020-21

ESTD: 2007



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Build
better
Lives



St. Pauls
College of Pharmacy

(Approved by PCI, AICTE, New Delhi.)
(Affiliated to Osmania University, Hyderabad.)

EAMCET CODE: SPLP
B. Pharmacy & PharmD

PGECET CODE: SPLP
M. Pharmacy & PharmD (PB)

 www.stpaulscollege.ac.in

 Just 10 kms from
Dilsukhnagar and Santhoshnagar



Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510



Approved by PCI, AICTE, New Delhi
Affiliated to Osmania University, Hyderabad

VISION

"To be the best institution in the field of pharmacy by providing excellent education with the aim to achieve overall development of the students, to cater the needs of profession and society.

MISSION

To train and develop the students to emerge as pharmacists through innovative teach-learning and research with the objective of student centric education.

QUALITY POLICY

Nurturing pharma aspirants with quality education and overall development in pharmacy and allied fields through dedicated faculty and state of art infrastructure.



* Photo Courtesy: Google Images of the building

Praveena

Principal

St. Pauls College of Pharmacy

Teluguamalai R.R. Dist-501 510



COURSES OFFERED

B.Pharmacy

(100 Intake)

Pharm.D

(30 Intake)

Pharm.D (PB)

(10 Intake)

M.Pharmacy

Pharmaceutics

(15 Intake)

Pharmaceutical Analysis

(15 Intake)

St. PAULS COLLEGE OF PHARMACY

St Pauls College of Pharmacy was established in 2007. The college is situated in a serene and peaceful campus which is conducive for imparting quality education, helpful for growth of knowledge and career building. The mission of the college is to be a vibrant & model institution in the field of pharmacy education and to be rated as one of the best pharmacy colleges in the state.

B. Pharmacy course is a four year programme. This is affiliated to Osmania University, Hyderabad. The college is recognized by the Government of Telangana and All India Council for Technical Education (AICTE), New Delhi and Pharmacy Council of India (PCI), New Delhi. The Total Intake of B.Pharmacy Course is 100 seats. There are 12 Laboratories attached to various departments like Pharmaceutics, Pharma Chemistry, Pharmacology, Pharmacognosy along with a sophisticated instrumentation facility and a machine room.

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Events & Happenings @ St. Pauls

GUEST LECTURES



INDUSTRIAL VISIT

ORIENTATION PROGRAMME



PHARMACISTS DAY



SPORTS WEEK

TRADITIONAL DAY

WOMENS DAY



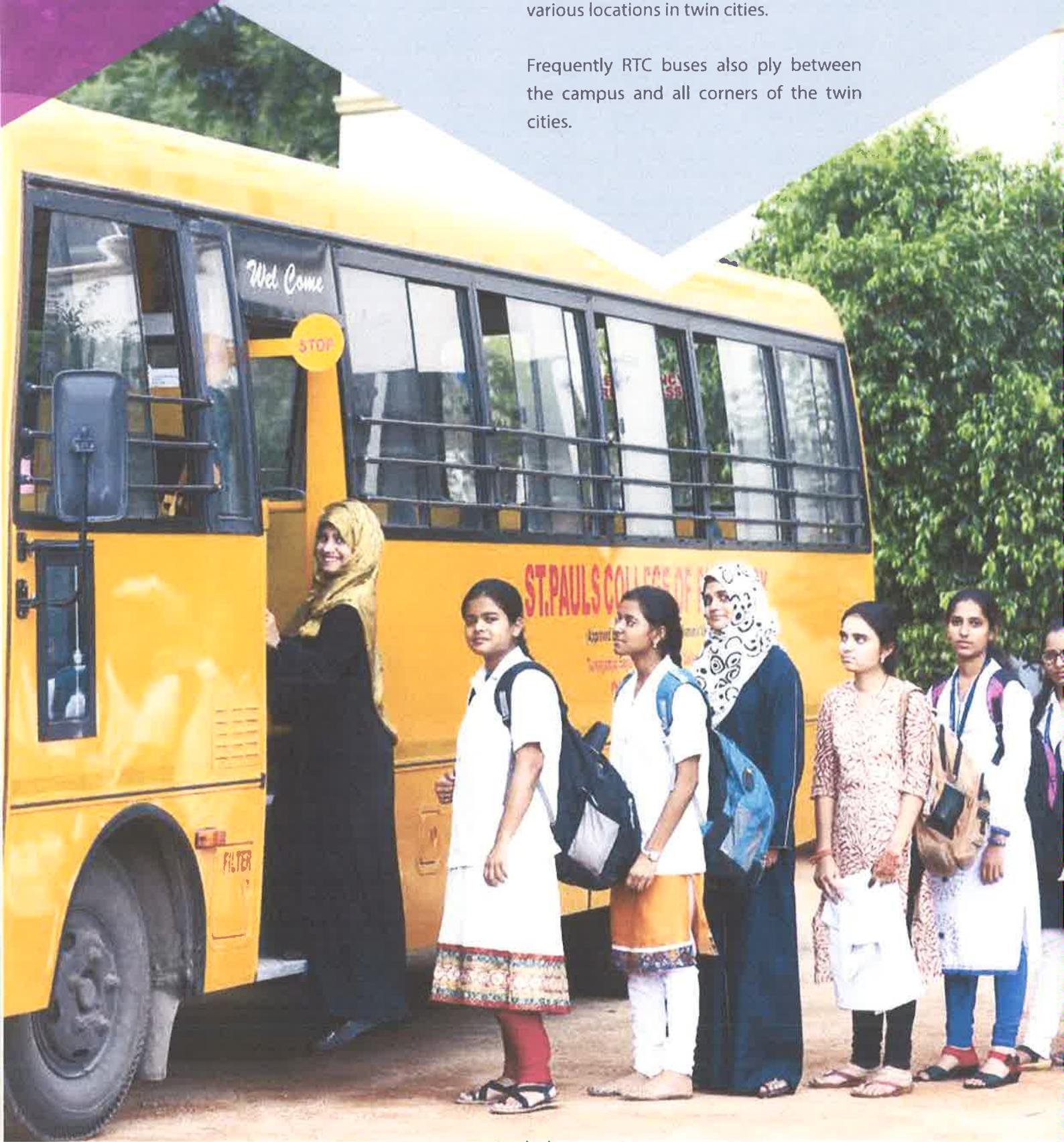
Prakash

Principal
St. Pauls College of Pharmacy
Turkavamjal, R.R. Dist.

TRANSPORT FACILITY

College buses pick-up students from various locations in twin cities.

Frequently RTC buses also ply between the campus and all corners of the twin cities.



CBQJLKA

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist. E.C.I. 510



MAJOR HIGHLIGHTS OF INSTITUTION AT A GLANCE:

- A sprawling campus in an area of 5 acres
- Bright, spacious, and ultra-modern class rooms.
- All courses offered are recognized by PCI, AICTE, New Delhi and affiliated to Osmania University, Hyderabad.
- Air conditioned and acoustically designed seminar hall equipped with audio visual aids.
- Dedicated faculty members having bent of research mind towards quality research in the domain of Pharmaceutical Sciences.
- Continuous augmentation and upgradation of equipment & facilities.
- Frequent conduction of Personality development programmes, seminars, workshops and Pharmaceutical Industrial visits.
- English Language Laboratory(K-Van Software)
- Equipped with pharmaceutical industry oriented equipments like HPLC, GC, UV, Tablet punching machine(16 stationed), Disintegration apparatus, Dissolution apparatus and many more.

Collaborations and MoU's

- Krishna Institute of Medical Sciences - Kondapur, Hyderabad
- Neuheit Pharma Technologies-Hyderabad
- Progenerics Pharma Pvt Ltd-Hyderabad
- Aizant Drug Research Solutions Pvt Ltd-Hyderabad
- Accubiosys Pvt Ltd-Hyderabad
- Arene Life Sciences Limited-Hyderabad
- Annora Pharma Pvt Ltd-Hyderabad (A division of Hetero Group)
- The Pharma Patashala-Hyderabad
- Hygrochemical Pharmtek Pvt Ltd-Hyderabad
- Mesmer Pharmaceuticals-Secunderabad



C.P. Shethas

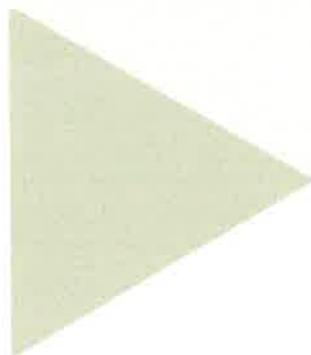
Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-50

Training & Placement Cell (TPC)

The placement cell constantly keeps in touch with the industry to ascertain the technology advancement.

To bring the "spark & grit" in students, college conducts trainings to inculcate positive attitude, communication skills, creativity, innovations, critical thinking etc., along with their curriculum from pre-final year.

The success of placement cell is evident from our alumni occupying various positions in well known companies like, Cadila Pharma, Dr. Reddy's Laboratories, Aurobindo Pharma, GVK Bio-sciences Academic institutions, Regulatory authorities, Hospitals and community pharmacy in India and Abroad.



RANBAXY
LABORATORIES LIMITED

GVK BIO

Multi-Disciplinary Academic

Alembic
Pharmaceuticals Ltd.

AUROBINDO
Pharmaceuticals Ltd.

DR.REDDY'S

CADILA
PHARMACEUTICALS LTD.



CPA@Lata

Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 502

Higher Studies

St.Pauls is always in front line in helping and guiding the students in shaping their career as per their aspiration.

Students interested in higher studies are trained from B.Pharm III Year for competitive exams like, National Institute of Pharmaceutical Education and Research Join Entrance Examination (NIPER JEE) Graduate Pharmacy Aptitude Test (GPAT) and Telangana State Post Graduate Engineering Common Entrance Test (TS-PGECET) for pursuing M.Pharm in reputed Universities.

The Programme outcome has been outstanding as our recent students secured Top Ranks in GPAT and NIPER JEE 2019.

15 students have bagged the best ranks in
TS PGECET 2019.



1st
Rank in
NIPER JEE &
TS PGECET
2019.

7th
Rank in
GPAT

Gautam

Principal
St. Pauls College of Pharmacy
Turkavaram - B.R.O.

LIBRARY

- Well stacked library around 7,000 volumes of books
- Digital library
- About 50 National and 30 International Journals
- e-Library having access to reputed scientific journals

COMPUTER LAB

Computing facilities for students include a lab equipped with 60 computers for UG & 18 for PG students provided with Windows NT Server & LAN.

Broadband internet connectivity, Wi-Fi facility.



Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-50

FACULTY

A large number of faculty are Doctorates obtained from reputed Universities having bent of Research Orientation

Many of the faculty are Associate Professors pursuing Ph.D and augment their degrees from time to time.

The Faculty are blend of Academic experience and industry and research exposure.

The Faculty are wholly committed in imparting education and students have the benefit of their expertise and knowledge every single day right through the year.

Faculty also plays an important role in mentoring the students for their holistic growth right from the I Year to their career.

AMENITIES



Hostel facility



Spacious Play Ground



Canteen



Auditorium



Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-E.C.G.O



PHARMACEUTICAL ANALYSIS LAB

Analytical laboratory is well equipped with equipments and instruments like

- HPLC
- UV-visible spectrophotometer
- FT-IR
- Gas chromatography
- Centrifuge
- Sonicator
- Gel electrophoresis
- High sensitivity digital balance

Spacious modernized laboratories cater to the needs of post graduate students

Pharmacy lab has various equipments used in the pharmaceutical industries at different stages of production, quality control and packing section i.e. single punch tabletting machines, coating and polishing machine, spray dryer, Bottle filling machines, Rotary tablet press, colloidal mill, FBD, Planetary mixer and strip packing machine Quality control instruments like friability tester, Hardness tester, Disintegration and Dissolution test apparatus, pH meter, UV visible spectrophotometer, HPLC, Deep freezer, stability chambers are the most important ones apart from other modern and sophisticated machines and instruments to update the facilities. The lab is designed according to the GLP standards.

Principal
St. Pauls College of Pharmacy
Tirukovilai P.O. - 600 047, Tamil Nadu



PHARMACEUTICS RESEARCH LAB

"Amazing things come
from experimentations"

Equipped with Automatic rotatory 16 stationed tablet compressing machine, Automated 8 basket dissolution apparatus, Brookfield Viscometer, Fluidized bed dryer, Automated disintegration apparatus etc to facilitate research work for PG students.

All labs are constructed and designed as per PCI & AICTE specifications.

All the laboratories are well installed with pilot model industrial set up, having individual tablet, capsule, liquid, oral & semisolid manufacturing sections with sophisticated equipments.

M.Pharm students are encouraged to publish their research work in national and international journals and present in National and International conferences. Faculty members are ready to help them in identifying frontier research areas.



Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510



LABORATORIES

"Without laboratories
men of science are
soldiers without arms."

- Pharmaceutics Lab
- Pharmaceutical Chemistry Lab
- Pharmaceutical Analysis Lab
- Central Instrumentation Lab
- Pharmacognosy Lab
- Pharmacology Lab
- Pharmacy Practice Lab
- Pharmacotherapeutics Lab
- Pharmaceutical Engineering Lab
- Pharmaceutical Biotechnology Lab
- Human Anatomy and Physiology Lab
- Computer Lab
- Machine Lab
- English Language Lab

Prakhar

Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 710

SCOPE & OBJECTIVES OF PHARM.D & B.PHARM PROGRAMMES IN INDIA:

PHARM.D CAREER OPPORTUNITIES:

- Clinical Research
- Pharmacovigilance
- Research & Development
- Hospital Pharmacist
- Clinical Pharmacist
- Toxicovigilance
- Haemovigilance
- Satellite Pharmacist
- Pharmacoepidemiology
- Medical Writing
- Product Managers
- Regulatory affairs

Community Pharmacy:

- Geriatric Pharmacy
- Governmental agencies
- Home Health Care

Hospital Pharmacy

Managed Care

Pharmacoeconomics

PROSPECTS IN PHARMACY AT A GLANCE:

- Research & Development
- Academics & Research
- Pharmacovigilance
- Regulatory affairs
- Intellectual property Rights
- Project management
- Product management team
- Production Department
- Quality control Department
- Quality assurance Department
- Analytical Department
- Sales Department
- Marketing Department



Prabakar
Principal

St. Paul's College of Pharmacy
Turkayamjal, R.R. Dist-501 510

The college is in the process of establishing a platform to exchange knowledge among students, teachers and professional experts in the domain of Pharmaceutical Sciences. The platform would be used for organizing seminars, workshops and training programmes. The college endeavors to provide the requisite grooming to the students to conduct themselves as thorough pharmacy professionals.

Renowned scientists from well-known pharmaceutical industries are invited to deliver guest lectures and conduct workshops frequently so that the students are getting maximum exposure to the latest developments taken place in the Pharmaceutical industry & Healthcare industry.

Pharm.D course is recognized by Pharmacy Council of India, approved by AICTE and affiliated to Osmania University, Hyderabad. The course is 6 years programme with 1 year internship in hospital. The total intake in Pharm.D course is 30 seats.

We are proud to say that our institution is having MOU with KIMS Hospital, Kondapur, NABH accredited hospital having 15 multispecialities for better exposure of different departments to Pharm.D students.

St.Pauls College of pharmacy is a highly reputed institution in the field of pharmacy education in and around Hyderabad.




Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-500 030



Felicitation to Mr. GAUTAM VIJAYWARGI
(1st RANK in NIPER JEE & TS PGECET)
and Ms. E. CHAITANYA GOUD
(17th RANK in TS PGECET)

St. Pauls College of Pharmacy

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Affiliated to Osmania University, Hyderabad.

Turkayamjal (V), Nagarjuna Sagar Road, R.R. Dist
Hyderabad - 501 510, Telangana State, India.

Phone: +919390605800, +917730953100
Email: info@stpaulscollege.ac.in

www.stpaulscollege.ac.in



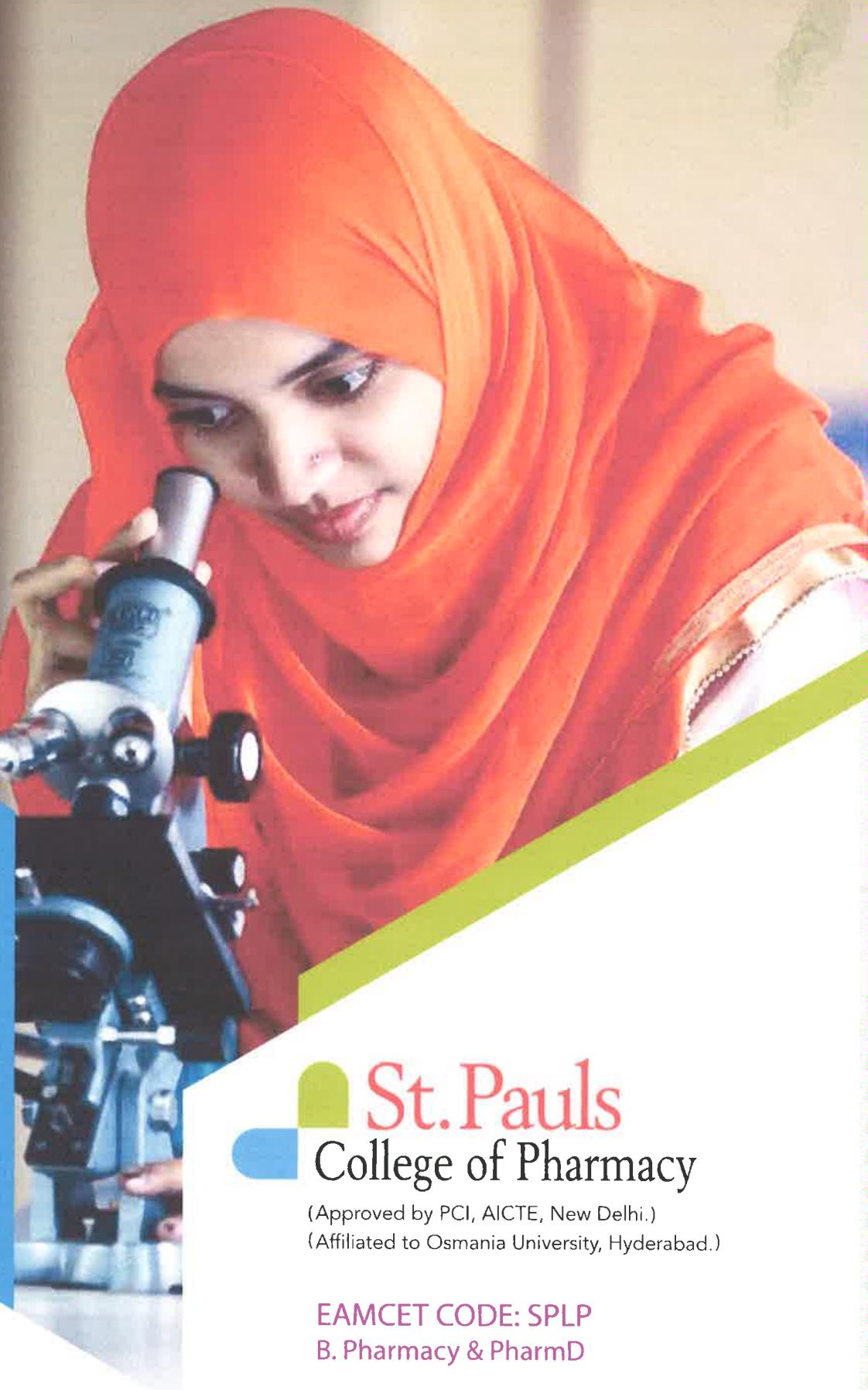


Principal
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Brochure-2019-20

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B. Pharmacy & PharmD

PGE CET CODE: SPLP
M. Pharmacy & PharmD (PB)

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 Just 10 kms from
Dilsukhnagar and Santhoshnagar

Rahela
F. No. 13, P.O. Box No. 510,
St. Pauls College of Pharmacy, SPLP,
Turkayamjal, R.R. HSI-501 510.



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Tukarami R.R. Dist-501 510



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Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Events & Happenings @ St. Pauls

GUEST LECTURES



INDUSTRIAL VISIT



ORIENTATION PROGRAMME

PHARMACISTS DAY



SPORTS WEEK



TRADITIONAL DAY



WOMENS DAY

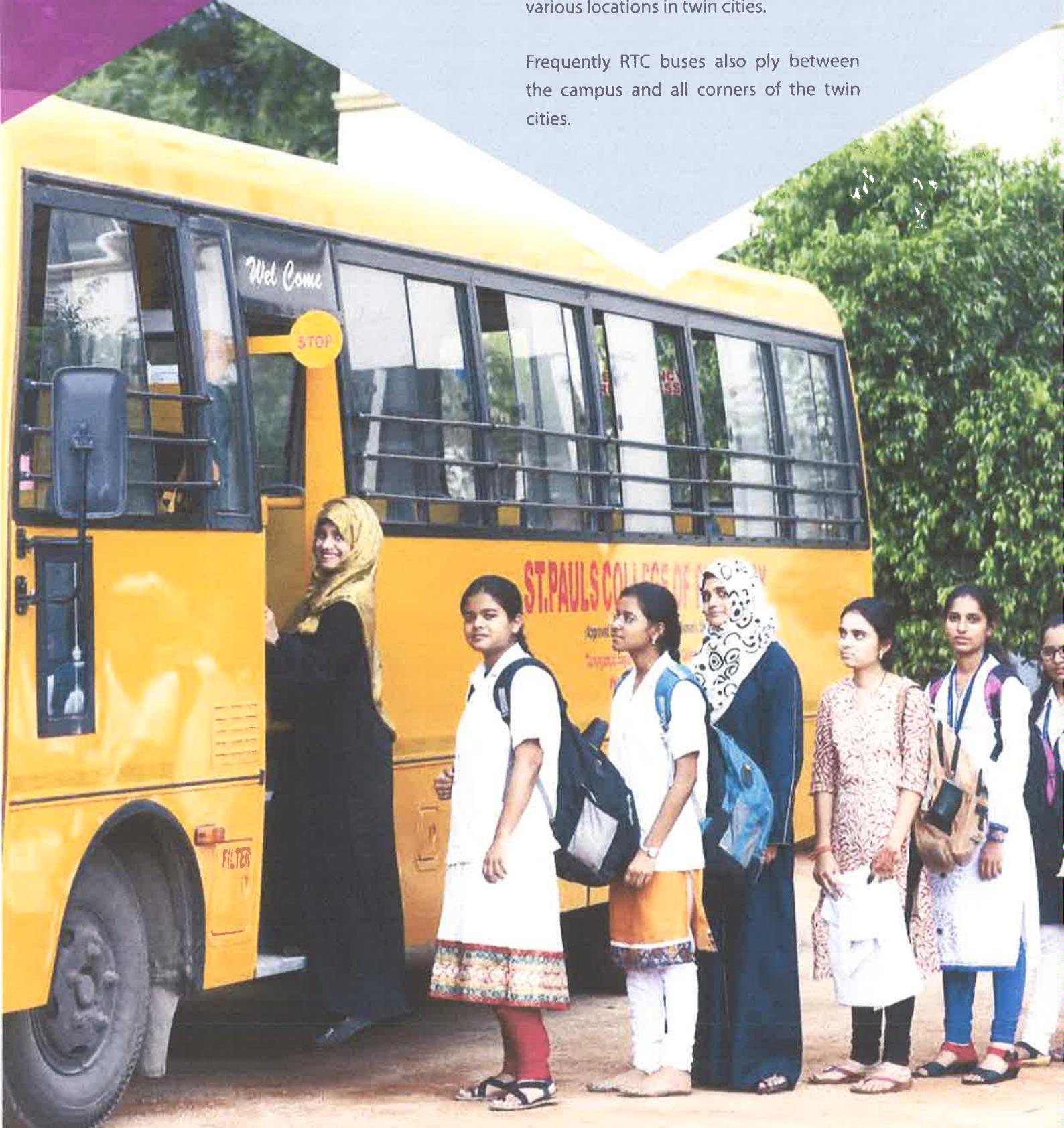



Principal
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Turkayamjal, R.R. Dist -

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C.P. Balakar

Principal
St. Paul's College of Pharmacy
Turkayamial, R.R. Dist-Eod 510



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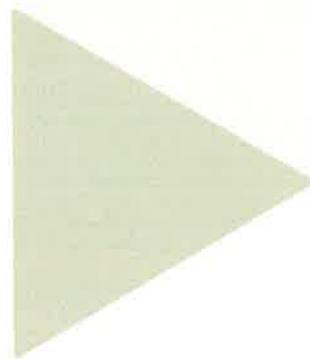
Principal
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Turkayamjal, R.R. Dist-50

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RANBAXY
LABORATORIES LIMITED

GVK BIO

Modis Pharmaceutical Inc.

Alembic
100 Years

AUROBINDO

DR. REDDY'S



CADILA
PHARMACEUTICALS LTD.



Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-505501

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1st
Rank in
NIPER JEE &
TS PGECET
2019.

GAUTAM
VIJAYWARGI

7th
Rank in
GPAT

gautam

Principal
St. Pauls College of Pharmacy
Turkavaram, A.R.O.
Tirupati, Andhra Pradesh - 517 502

LIBRARY

- Well stacked library around 7,000 volumes of books
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COMPUTER LAB

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Principal
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Turkayamjal, R.R. Dist-50

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AMENITIES



Hostel facility



Spacious Play Ground



Canteen



Auditorium

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist - 573 120



PHARMACEUTICAL ANALYSIS LAB

Analytical laboratory is well equipped with equipments and instruments like

- HPLC
- UV-visible spectrophotometer
- FT-IR
- Gas chromatography
- Centrifuge
- Sonicator
- Gel electrophoresis
- High sensitivity digital balance

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Principal
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Turkayamal P.O. - Mysore - 570 017



PHARMACEUTICS RESEARCH LAB

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from experimentations"

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Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510



LABORATORIES

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men of science are
soldiers without arms."

- Pharmaceutics Lab
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- Pharmaceutical Analysis Lab
- Central Instrumentation Lab
- Pharmacognosy Lab
- Pharmacology Lab
- Pharmacy Practice Lab
- Pharmacotherapeutics Lab
- Pharmaceutical Engineering Lab
- Pharmaceutical Biotechnology Lab
- Human Anatomy and Physiology Lab
- Computer Lab
- Machine Lab
- English Language Lab

G. Rakesh

Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 610

SCOPE & OBJECTIVES OF PHARM.D & B.PHARM PROGRAMMES IN INDIA:

PHARM.D CAREER

OPPORTUNITIES:

- Clinical Research
- Pharmacovigilance
- Research & Development
- Hospital Pharmacist
- Clinical Pharmacist
- Toxicovigilance
- Haemovigilance,
- Satellite Pharmacist
- Pharmacoepidemiology.
- Medical Writing
- Product Managers
- Regulatory affairs

Community Pharmacy:

- Geriatric Pharmacy
- Governmental agencies
- Home Health Care

Hospital Pharmacy

Managed Care

Pharmacoeconomics

PROSPECTS IN

PHARMACY AT A GLANCE:

- Research & Development
- Academics & Research
- Pharmacovigilance
- Regulatory affairs
- Intellectual property Rights
- Project management
- Product management team
- Production Department
- Quality control Department
- Quality assurance Department
- Analytical Department
- Sales Department
- Marketing Department



Principals
Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

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Principal

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Turkayamjal, R.R. Dist-S.O.: 500 050



Felicitation to Mr. GAUTAM VIJAYWARGI
(1st RANK in NIPER JEE & TS PGECET)
and Ms. E. CHAITANYA GOUD
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Affiliated to Osmania University, Hyderabad.

Turkayamjal (V), Nagarjuna Sagar Road, R.R. Dist

Hyderabad - 501 510, Telangana State, India.

Phone: +919390605800, +917730953100

Email: info@stpaulscollege.ac.in

www.stpaulscollege.ac.in



A handwritten signature in blue ink, likely belonging to the Principal of the college.

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Brochure-2018-19

Let us
Build
better
Lives



Photography & Design by Tablaau Creative 91 7032208990



SPLP is Ragging free campus.

St PAULS COLLEGE OF PHARMACY

Approved by PCI, AICTE, New Delhi.
Affiliated to Osmania University, Hyderabad, TS.

ESTD:2007 | www.stpaulscollege.ac.in

ST PAULS
COLLEGE OF
PHARMACY



Just 10 kms from Dilshukhnagar and Santhoshnagar

MISSION

"To emerge as the most preferred institution in pharmacy education & research with global recognition in producing trained manpower to meet the ever growing needs of Pharmaceutical Industry and Para Medical services."

VISION

St. Pauls College of Pharmacy was established in 2007. The college is situated in a serene and peaceful campus which is conducive for imparting quality education, helpful for growth of knowledge and career-building. The mission of the college is to be a vibrant & model institution in the field of pharmacy education and to be rated as one of the best pharmacy colleges in the state. B. Pharmacy course is a four year programme. This is affiliated to Osmania University, Hyderabad. The college is recognized by the Government of Telangana and All India Council for Technical Education [AICTE], New Delhi and Pharmacy Council of India [PCI], New Delhi. The Total intake of B. Pharmacy Course is 100 seats. There are 12 Laboratories attached to various departments like Pharmaceutics, Pharma Chemistry, Pharmacology, Pharmacognosy along With a sophisticated instrumentation facility and a machine room.

COURSES OFFERED

PharmD	(Seats 30)
PharmD	(Seats 10)
B. Pharmacy	(Seats 10)
Pharmaceutics	(Seats 15)
Pharmaceutical Analysis	(Seats 15)



St. Pauls



ST. PAULS OF PHARMACY

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

St. Pauls

The college is in the process of establishing a platform to exchange knowledge among students, teachers, and professional experts in the domain of Pharmaceutical Sciences. The platform would be used for organizing seminars, workshops, and training programmes. The college endeavours to provide the students groomed to the students to conduct themselves as thorough pharmacy professionals.

Renowned scientists from well-known pharmaceutical industries are invited to deliver guest lectures and conduct workshops frequently so that the students are getting maximum exposure to the latest developments taken place in the Pharmaceutical industry & Healthcare industry.

SCOPE & OBJECTIVES OF PHARMD PROGRAMME IN INDIA:

PharMD Career Opportunities:

- Clinical Research
- Pharmacovigilance
- Research & Development



PharmD course is recognized by Pharmacy Council of India and affiliated to Osmania University, Hyderabad. The course is 6 years programme with 1 year internship in hospital. The total intake in PharmD course is 30 seats.

We proud to say that our institution is having MoU with KIMS Hospital, Kondapur an NABH accredited hospital having 15 multi-specialty for better exposure of different departments to PharmD students.

St.Pauls College of Pharmacy is a highly reputed institution in the field of pharmacy education in and around Hyderabad.

Community Pharmacy:

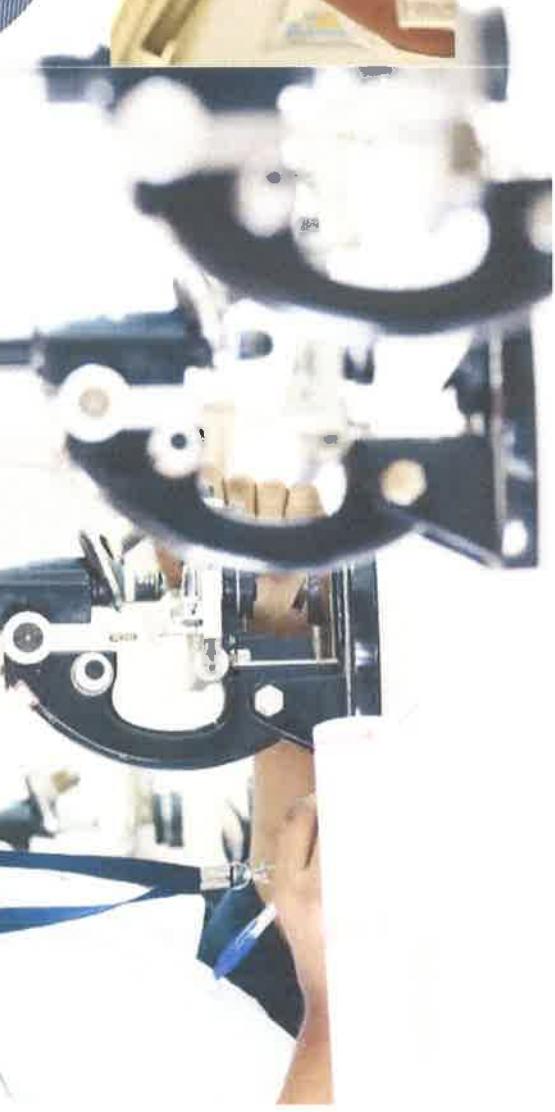
- Geriatric Pharmacy
- Governmental agencies
- Home Health Care
- Hospital Pharmacy
- Managed Care
- Pharmacoeconomics

A handwritten signature in green ink that appears to read "Principal" followed by the name of the college.

Principal
St. Paul's College of Pharmacy
Turkayamjal, R.R. Dist-501 510

LABORATORIES

- Pharmaceutics Lab
- Pharmaceutical Chemistry Lab
- Pharmaceutical Analysis Lab
- Central Instrumentation Lab
- Pharmacognosy Lab
- Pharmacology Lab
- Pharmacy Practice Lab



- Pharmacotherapy Lab
- Pharmaceutical Engineering Lab
- Pharmaceutical Biotechnology Lab
- Human Anatomy and Physiology Lab
- Computer Lab
- Machine Lab
- English Language Lab

Rahul

Principal

St. Paul's College of Pharmacy
Turkayamjal, R.R. Dist-501 510



PHARMACEUTICS RESEARCH LAB

Equipped with Automatic rotatory 16 station tablet compressing machine, Automated 8 basket dissolution apparatus, Brookfield Viscometer, Fluidized bed drier, Automated disintegration apparatus etc to facilitate research work for PG students.

We need education that enriches our lives, nurtures the ideal man, inculcates noble thoughts and helps hone the abilities. All labs are constructed and designed as per PCI & AICTE specifications.



All the laboratories are well installed with pilot model industrial set up, having individual tablet, capsule, liquid, oral & semisolid manufacturing sections with sophisticated equipments.

M.Pharm students are encouraged to publish their research work in national and international journals and present in National and International conferences. Faculty members are ready to help them in identifying frontier research areas.



Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510



PHARMACEUTICAL ANALYSIS LAB

Analytical laboratory is well equipped with equipments and instruments like

- HPLC
 - UV-visible spectrophotometer
 - FTIR
 - Gas chromatography
 - Centrifuge
 - Sonicator
 - Gel electrophoresis
 - High sensitivity digital balance
- Spacious modernized laboratories cater to the needs of post graduate students



FACULTY

Highly qualified, committed, well experienced teaching faculty.

Visiting and Guest faculties are drawn from a large pool of eminent pharmacy scientists from the academia and industry.



AMENITIES



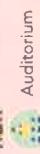
Hostel facility



Spacious Play Ground



Canteen



Auditorium

Bala

Principal!

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-Sgt 510

PLACEMENT CELL

Out-going students are likely to find placement in well known companies like Cadila Pharma, Dr.Reddy's Laboratories, Aurobindo Pharma, Matrix, Alembic, GVK bio-sciences (CRO), Academic Institutions, Regulatory Authorities, Hospitals & community pharmacy in India & abroad.

HANBAXY 
GVK 
Alerebio 
 Alerebio
 Dr. Reddy's
 Matrix
 Cipla

PROSPECTS IN PHARMACY AT A GLANCE:

- Research & Development
- Production Department
- Quality control Department
- Quality assurance Department
- Analytical Department
- Sales Department
- Marketing Department
- Product management team

LIBRARY

Digital library 6,000 volumes
About 50 National and 30 International Journals
e-Library having access to reputed scientific journals
Computing facilities for students include a lab equipped with 60 computers for UG & 18 for PG students provided with Windows NT Server & LAN.
Broadband internet connectivity.
Wi-Fi Facility.


Principal
St. Pauls College of Pharmacy
 Turkayamjal, R.R. Dist-501 510



FACILITY TRANSPORT

College buses pick-up students from various locations in twin cities. Frequent RTC buses also ply between the campus and all corners of the twin cities.



MAJOR HIGHLIGHTS OF INSTITUTION AT A GLANCE:

- A sprawling campus in an area of 5 acres.
- Bright, spacious, and ultramodern class rooms.
- All courses offered are recognized by PCI, AICTE, New Delhi and affiliated to Osmania University, Hyderabad.
- Air conditioned and acoustically designed seminar hall equipped with audio visual aids.
- Dedicated faculty members having bent of research mind towards quality research in the domain of Pharmaceutical Sciences.

- Continuous augmentation and upgradation of equipment & facilities.
- Frequent conduct of Personality development programmes, seminars, workshops and pharmaceutical industrial visits.
- English Language Laboratory (KVM Software).
- Equipped with pharmaceutical industry oriented equipments like HPLC, GC, UV, Tablet Batching machine(6 stations), Disintegration apparatus, Dissolution apparatus and many more.

Balla
Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Brochure-2017-18

St. Pauls

College of Pharmacy

Affiliated to Osmania University, Hyderabad
Approved by PCI, AICTE, New Delhi

Let us
Build
better
Lives

EAMCET
CODE: SPLP
(B.Pharmacy & PharmD)
PGECET
CODE: SPLP
(M.Pharmacy)

Just 10 kms from Dilshukhnagar and Santhoshnagar

ESTD: 2007

www.stpaulscollege.ac.in

01



Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510



Events & Happenings @ St. Pauls



St. Pauls

College of Pharmacy

Approved by PCI, AICTE, New Delhi

Affiliated to Osmania University, Hyderabad
Turkayamjal (M), Nagarjuna Sagar Road, R.R. Dist.
Hyderabad - 501 510, Telangana State, India.
Phone: +919990605800, +917730953100
Email: info@stpaulscollege.ac.in

www.stpaulscollege.ac.in

16

St. Pauls

College of Pharmacy

Approved by PCI, AICTE, New Delhi,

Affiliated to Osmania University, Hyderabad, TS

VISION

"To emerge as the most preferred institution in pharmacy education & research with global recognition in producing trained manpower to meet the ever growing needs of Pharmaceutical Industry and Para Medical services."

MISSION

To groom the students as global citizens with conscience, commitment & dedication to serve the community. To strengthen the Industry Institute interface & promote entrepreneurial development activities. To collaborate with the leading universities of the world with a view to create opportunities for the students to pursue higher studies & to seek placements abroad.

MAJOR HIGHLIGHTS OF INSTITUTION AT A GLANCE:

- A sprawling campus in an area of 5 acres.
- Bright, spacious, and ultra-modern class rooms.
- All courses offered are recognized by PCI, AICTE, New Delhi and affiliated to Osmania University, Hyderabad.
- All infrastructure and aesthetically designed seminar Hall equipped with audio visual aids.



ESTD:2007 | www.stpaulscollege.ac.in Just 10 kms from Dispuragar and Santhoshnagar




Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 500 040

- Dedicated faculty members having bent of research mind towards quality research in the domain of Pharmaceutical Sciences.
- Continuous interaction and collaboration of faculty & facilities.
- Frequent conduct of Personality development programmes, seminars, workshops and pharmaceutical industrial visits.
- English language Laboratory-KVAN Software.
- Equipped with pharmaceutical industry oriented equipments like API, GC, UV, NMR, PDR, FTIR, IR, Dissolution Apparatus and many more.

COURSES OFFERED**B.Pharmacy** (100 Intake)
 • M.Pharmacy
 • Pharmaceutics (15 Intake)
 • Pharmaceutical Analysis (15 Intake)
PharmD (30 Intake)

 DR.RAKSHA
**ST. PAULS COLLEGE OF PHARMACY**

St. Pauls College of Pharmacy was established in 2007. The college is situated in a serene and peaceful campus which is conducive for imparting quality education, helpful for growth of knowledge and career building. The mission of the college is to be a vibrant & model institution in the field of pharmacy education and to be rated as one of the best pharmacy colleges in the state.

B. Pharmacy course is a four year programme. This is affiliated to Osmania University, Hyderabad. The college is recognized by the Government of Telangana and All India Council for Technical Education (AICTE), New Delhi and Pharmacy Council of India (PCI), New Delhi. The Total Intake of B Pharmacy Course is 100 seats. There are 12 Laboratories attached to various departments like Pharmaceutics, Pharma Chemistry, Pharmacology, Instrumentation facility and a machine room.


 DR.RAKSHA

Principal
St. Pauls College of Pharmacy
 Turkayamjal, R.R. Dist-501 510

**TRANSPORT FACILITY**

College buses pick-up students from various locations in twin cities. Frequently RTC buses also ply between the campus and all corners of the twin cities.



PLACEMENT CELL

Out-going students are likely to find placement in well known companies like Cadila Pharma, Dr.Reddy's laboratories, Aurobindo Pharma, Matrix, Alembic, GVK bio-sciences (CRO), Academic Institutions, Regulatory Authorities, Hospitals & community pharmacy in India & abroad.

This college is in the process of establishing a platform to exchange knowledge among students, teachers, and professional experts in the domain of Pharmaceutical Sciences. The platform would be used for organizing seminars, workshops and training programmes. The college endeavours to provide the requisite grooming to the students to conduct themselves as thorough pharmacists.

Renowned scientists from well-known pharmaceutical industries are invited to deliver guest lectures and conduct workshops frequently so that the students are getting maximum exposure to the latest developments taken place in the pharmaceutical industry & Healthcare industry.

B.Pharm.D course is recognized by Pharmacy Council of India, approved by AICTE and affiliated to Osmania University, Hyderabad. The course is 6 years programme with 1 year internship in hospital. The total intake in Pharm.D course is 30 seats.

We are proud to say that our institution is having MoU with KIMS Hospital, Kironpur, NABET accredited hospital having 15 multispecialty for better exposure of our students to pharmaceutical students.

St. Pauls College of Pharmacy is a newly formed institution in the field of pharmaceutical education in Andhra Pradesh.



PROSPECTS IN PHARMACY AT A GLANCE:

- Research & Development
- Academics & Research
- Pharmacovigilance
- Regulatory Affairs
- Intellectual property Rights
- Project management
- Product management team
- Production Department
- Quality control Department
- Quality assurance Department
- Analytical Department
- Sales Department
- Marketing Department



Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510



**SCOPE & OBJECTIVES OF
PHARM D PROGRAMME IN INDIA:**

PharmD Career opportunities:

- Clinical Research
- Pharmacovigilance
- Research & Development
- Hospital Pharmacist
- Clinical Pharmacist

LIBRARY

Well stacked library around 6,000 volumes of books

Digital library

About 50 National and 30 International Journals

e-Library having access to reputed scientific journals

COMPUTER LAB

Computing facilities for students include a lab equipped with 60 computers for UG & 18 for PG students provided with Windows NT Server & LAN.

Broadband internet connectivity.

Wi-Fi facility



Community Pharmacy:
• Toxicovigilance
• Haemovigilance,
• Satellite Pharmacist
• Pharmacoepidemiology
• Medical Writing
• Product Managers
• Regulatory Affairs

Community Pharmacy:
• Geriatric Pharmacy
• Governmental agencies
• Home Health Care
• Hospital Pharmacy
• Managed Care
• Pharmacoeconomics

FACULTY

Highly qualified, committed, well experienced teaching faculty.

Visiting and Guest faculties are drawn from a large pool of eminent pharmacists scientists from the academia and industry.

LABORATORIES

"Without laboratories men of science are soldiers without arms."



AMENITIES

- Hostel facility
- Spacious Play Ground
- Canteen
- Auditorium

OBRAKSHA

Principal

St. Paul's College of Pharmacy
Turkayamjal, R.R. Dist-501 510



PHARMACEUTICAL ANALYSIS LAB

Analytical laboratory is well equipped with equipments and instruments like

- HPLC
- UV-visible spectrophotometer
- FT-IR
- Gas chromatography
- Centrifuge
- Sonicator
- Gel electrophoresis
- High sensitivity digital balance

Spacious modernized laboratories cater to the needs of post graduate students

- Pharmaceutics Lab
- Pharmaceutical Chemistry Lab
- Pharmaceutical Analysis Lab
- Central Instrumentation Lab
- Pharmacognosy Lab
- Pharmacology Lab
- Pharmacy Practice Lab



Disintegration and Dissolution test apparatus, pH meter, UVVisible spectrophotometer, HPLC, Deep freezer, stability chambers are the most important ones apart from other modern and sophisticated machines and instruments to update the facilities. The lab is designed according to the GLP standards.

Pharmacy lab has various equipments used in the pharmaceutical industries at different stages of production, quality control and packing section i.e. single punch tabletting machines, coating and polishing machine, spray dye, Bottle filling machines, Rotary tablet press, colloid mill, FBD, Planetary mixer and strip packing machine. Quality control instruments like friability tester, Hardness tester,

- Pharmacotherapeutics Lab
- Pharmaceutical Engineering Lab
- Pharmaceutical Biotechnology Lab
- Human Anatomy and Physiology Lab
- Computer Lab
- Machine Lab
- English Language Lab

Ranika

Principal
St. Pauls College of Pharmacy,
Kayamkulam, R.R. Dist-501 510



PHARMACEUTICS RESEARCH LAB

"everyone needs a laboratory
amazing things come
from experiments."

Equipped with Automatic rotatory 16 station tablet compressing machine, Automated basket dissolution apparatus, Brookfield Viscosimeter, Fluidized bed dryer, Automated disintegration apparatus etc to facilitate research work for PG students.

We need education that enriches our lives, nurtures the ideal man, inculcates noble thoughts and helps hone the abilities. All labs are constructed and designed as per PCI & AICTE specifications.



All the laboratories are well installed with pilot model industrial set up, having individual tablet, capsule, liquid, oral & semisolid (manufacturing) sections with sophisticated equipments.

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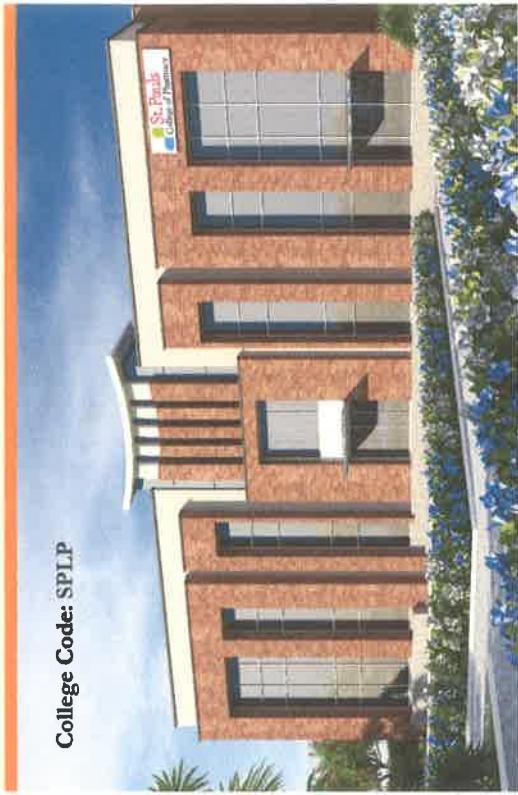
Brochure-2016-17



(Approved by AICTE, PCI and Affiliated to Osmania University)

10 km from Dilukhnagar and Santoshnagar

College Code: SPLP



(Approved by AICTE, PCI and Affiliated to Osmania University)

10 km from Dilukhnagar and Santoshnagar

Turkayamal (V) Nagarjuna Sagar Road, R.R. Dist. Pin - 501510 TS
Email: stpaulscollegeofpharmacy@gmail.com Visit us : www.stpaulscollege.ac.in
Ph : 9390605400 / 7730953100
Please watch college video on

for College visit please contact 9390605800

Let us Build better Career

Abdullah

Principal

St. Pauls College of Pharmacy,
Turkayamal, R.R. Dist-501 510

Vision

To emerge as the most preferred institution in pharmacy education & research with global recognition in producing trained manpower to meet the ever growing needs of Pharmaceutical Industry and Para Medical services.

Mission

To groom the students as global citizens with conscience, commitment & dedication to serve the community. To strengthen the Industry Institute Interface & promote entrepreneurial development activities. To collaborate with the leading universities of the world with a view to create opportunities for the students to pursue higher studies & seek placements abroad.

COURSES OFFERED

- Pharm. D
- B. Pharmacy
- M. Pharmacy
- Bioseparations
- Pharmaceuticals
- Pharmaceutical Analysis

Sakshi

St. Pauls College of Pharmacy

St. Pauls College of Pharmacy is established in 2007. The college is situated on a serene and beautiful campus which is conducive for imparting quality education. It is affiliated to Guntur University. It is a well known college in the field of Pharmacy education and is rated as one of the best Pharmacy colleges in the state. It has a well equipped infrastructure along with a sophisticated instrumentation facility and a Medicine Room.

Telangana and All India Council for Technical Education (AICTE), New Delhi, B. Pharmacy Course is a four year programme. The College is also soon recognized by Pharmacy Council of India (PCI), New Delhi. The Total Institute of Pharmacy Course is 120 seats. There are 15 Laboratories, addressed to various departments like Pharmacology, Pharmacy Chemistry, Pharmacology, Pharmacognosy along with a sophisticated instrumentation facility and a Medicine Room.



Our students are placed in...

RANBAXY
LABORATORIES LIMITED

GVK BIO

MATRIX PHARMACEUTICAL INC.

Alembic
Everything Green is Green

AUROBINDO

DR.REDDY'S

CADILA
Pharmaceuticals

PLACEMENT CELL

Out going students are likely to find placement in well known companies like Cadila Pharma, Dr. Reddy's laboratories, Aurbindo Pharma, Matrix, Alembic, GVK Bio-sciences (CRO), Academic Institutions, Regulatory Authorities, Hospitals & community pharmacy in India & abroad.



Prashna

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510



Prakka

Principal
St. Pauls College of Pharmacy
Tarkayamjal, R.R. Dist-501 510



Faculty

Highly qualified, committed, well experienced teaching faculty. Visiting and Guest facilities are drawn from a large pool of eminent pharmacy scientists from the academic and industry.

Auditorium

Transport Facility
College buses pic-up students from various points in twin cities
RTC busses also ply between the campus and all corners of the city

Campus Amenities
The following amenities are provided by ST. PAULS

Social facility
Swimming Pool, Ground
Canteen
Auditorium

Transport Facility

Highly qualified, committed, well experienced teaching faculty. Visiting and Guest facilities are drawn from a large pool of eminent pharmacy scientists from the academic and industry.

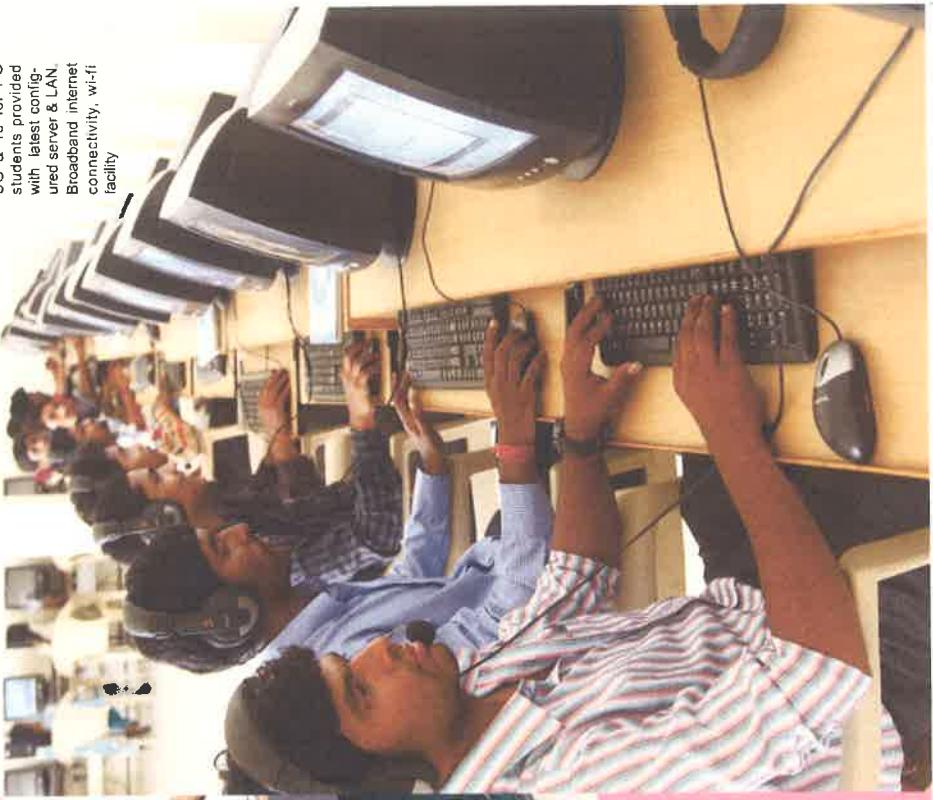
Campus Amenities
The following amenities are provided by ST. PAULS

Social facility
Swimming Pool, Ground
Canteen
Auditorium

M.Pharm is recognised by Pharmacy Council of India and affiliated to Osmania University.
Duration is 3 years programme with 5 year internship in hospital. The total intake is 100.
Capacity is 30 seats.

Computer Lab

Computing facilities
for students include
a lab equipped with
60 computers for
UG & 18 for PG
students provided
with latest config-
ured server & LAN
Broadband internet
connectivity, wi-fi
facility



1. St. Paul's college of pharmacy is a highly reputed institution in the field of pharmacy education in and around Hyderabad.
2. M.Pharm students are encouraged to publish their research work in national and international journals. Faculty members are ready to help them in identifying frontier research areas.
3. Scientists from well-known pharmaceutical companies are invited to deliver guest lectures and to conduct workshops frequently so that the students are exposed to the latest developments in the industry.


Principal
St. Pauls College of Pharmac
Turkayamjal, R.R. Dist-501 514

Library

Digital library

6,000 volumes

About 50 National and 30 International Journals

e- Library having access to reputed scientific journals



Prakash
Principal
St. Pauls College of Pharmacy
Tirkeyamal, R.R. Dist-501 510

Laboratories



Pharmaceutical Chemistry Pharmacognosy
Pharmacaceutics Pharmacology
Pharmaceutical Analysis Pharmaceutical Engineering
Human Anatomy and Physiology Computer Lab



Pharmacy labs has various equipments used in the pharmaceutical industries at different stages of production, quality control and packing section i.e. Single Punch Tabletting Machines, Coating and Polishing Machines, Spray Drier, Bottle Filling Machines, Rotary Tablet Press, Colloidial Mill, FBD, Planetary Mixer and Strip Packing Machine. Quality Control Instruments like Friability Tester, Hardness Tester, Disintegration and Dissolution Test Apparatus, P⁺ Meier UV Visible Spectrophotometer, HPLC, Deep Freezer, Stability Chambers are the most important ones apart from other modern and sophisticated machines and instruments to update the facilities. The lab is designed according to the GLP standards.



Balkar
Principal

St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Pharmaceutical Analysis Lab

Analytical laboratory is well equipped with equipments and instruments like Gas chromatography

FT-IR

HPLC

UV-visible spectrophotometer

Research centrifuge

Sonicator

Tap density tester

Gel electro phoresis

High sensitivity digital balance

Spacious modernized laboratories cater to the needs of post graduate students



Pharmaceutics Research Lab

Equipped with Automatic rotary 16 station tablet compression machine, Automated 8 basket dissolution apparatus, Brookfield Viscometer, Fluidized bed drier, Automated disintegration apparatus etc to facilitate research work for students.





We need education that enriches our lives, nurtures the ideal man, inculcates noble thoughts and helps hone the abilities. All labs are constructed and designed as per AICTE & PCI specifications.

Pharmacy department is being led by an illustrious faculty and is known for its research capability. Students are exposed to manufacturing and evaluation of various dosage forms.

Our mission is to promote the health and welfare of all the Indians by grooming graduates/Post graduates of the highest caliber in pharmacy to shoulder the professional responsibilities in the field of pharmaceuticals.

All the laboratories are well installed with pilot model industrial set up, having individual tablet, capsule, liquid, oral & semisolid manufacturing sections with sophisticated equipments.





(Approved by AICTE, PCI and Affiliated to Osmania University)

BROCHURE /PROSPECTUS, AND HANDBOOK/SYLLABUS BOOK HIGHLIGHTING PROGRAMS AND COURSES OFFERED FOR EACH YEAR FOR ALL THE 5 ASSESSMENT YEARS

Academic Year	Program	I Year SYLLABUS	II YEAR SYLLABUS	III YEAR SYLLABUS	IV YEAR SYLLABUS	V YEAR SYLLABUS	VI YEAR SYLLABUS
2016-17	B.Pharmacy-	CBCS	Non-CBCS	Non CBCS	Non-CBCS	-	-
	Pharm.D	PCI	PCI	-	-	-	-
	M.Pharmacy	CBCS	CBCS	-	-	-	-
2017-18	B.Pharmacy	PCI	CBCS	Non CBCS	Non-CBCS	-	-
	Pharm.D	PCI	PCI	PCI	-	-	-
	M.Pharmacy	PCI	CBCS	-	-	-	-
2018-19	B.Pharmacy	PCI	PCI	CBCS	Non-CBCS	-	-
	Pharm.D	PCI	PCI	PCI	PCI	-	-
	M.Pharmacy	PCI	PCI	-	-	-	-
	Pharm.D(PB)	PCI	-	-	-	-	-
2019-20	B.Pharmacy	PCI	PCI	PCI	CBCS	-	-
	Pharm.D	PCI	PCI	PCI	PCI	PCI	-
	M.Pharmacy	PCI	PCI	-	-	-	-
	Pharm.D(PB)	PCI	PCI	-	-	-	-
2020-21	B.Pharmacy	PCI	PCI	PCI	PCI	-	-
	Pharm.D	PCI	PCI	PCI	PCI	PCI	PCI
	M.Pharmacy	PCI	PCI	-	-	-	-
	Pharm.D(PB)	PCI	PCI	PCI	-	-	-

Rashida

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Assessment Year 2016-17
B.Pharmacy, Pharm.D, M.Pharmacy
Syllabus

OSMANIA UNIVERSITY
FACULTY OF PHARMACY

SCHEME OF INSTRUCTION, EXAMINATION AND EVALUATION

Effective for Batches Admitted from 2016 – 17 Academic Year Onwards As per CBCS

Program Code: 881

B. Pharmacy First Year (I & II Semesters)
SEMESTER - I

Course Code	Description	Course Title	Hours/ Week			Credits	Credits		Duration of exam
			L	T	P		-	End exam	
PY.05.881.1.1.T	PS, CORE	Pharmaceutical Inorganic Chemistry	4	0	-	4	30	70	3
PY.05.881.1.2.T	BS, FC	Basic Computer Applications-I	3	0	-	3	30	70	3
PY.05.881.1.3.T	PS, CORE	General Pharmacy	4	0	-	4	30	70	3
PY.05.881.1.4.T	BS, FC	Human Anatomy and Physiology-I	3	0	0	3	30	70	3
PY.05.881.1.5.T	BS, FC	Mathematics / Biology	4	0	0	4	30	70	3
PY.05.881.1.6.P	PS, CORE	Pharmaceutical Inorganic Chemistry-Practical	0	0	4	2	30	70	4
PY.05.881.1.7.P	BS, FC	Basic Computer Applications-I-Practical	0	0	4	2	30	70	4
PY.05.881.1.8.P	BS, FC	Human Anatomy and Physiology-Practical	0	0	4	2	30	70	4
			18	0	12	24	240	560	

SEMESTER - II

Course Code	Description	Course Title	Hours/ Week			Credits	Credits		Duration of exam
			L	T	P		-	End exam	
PY.05.881.2.1.T	PS, CORE	Pharmaceutical organic Chemistry-I	4	0	-	4	30	70	3
PY.05.881.2.2.T	PS, CORE	Introduction to Dosage Forms	4	0	-	4	30	70	3
PY.05.881.2.3.T	PS, CORE	Human Anatomy and Physiology-II	4	0	-	4	30	70	3
PY.05.881.2.4.T	BS, FC	Basic computer Applications-II	3	0	0	3	30	70	3
PY.05.881.2.5.T	BS, FC	Communicative English	3	0	0	3	30	70	3
PY.05.881.2.6.P	PS, CORE	Pharmaceutical Organic chemistry-I-Practical	0	0	4	2	30	70	4
PY.05.881.2.7.P	BS, FC	Introduction to Dosage Forms-Practical	0	0	4	2	30	70	4
PY.05.881.2.8.P	BS, FC	Basic Computer Applications-II and English Language Practical	0	0	4	2	30	70	4
			18	0	12	24	240	560	

Note: Marks are converted into Grade Points and Total is calculated for SGPA on a 10 Point Scale

Rahul G
Principal

St. Paul's College of Pharmacy
Turkayamjal, R.R. Dist-501 510

**SCHEME OF INSTRUCTION AND EXAMINATION
FOR
B. PHARMACY - II YEAR I SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)		MARKS	DURATION OF EXAM.	
		Theory	Practicals		Exams.	Hrs.
PYT.2.101	Ph.Organic Chemistry - I	4	--	30	70	3
PYT.2.102	Pharmaceutical Engineering - I	4	--	30	70	3
PYT.2.103	Pharmaceutical Analysis – I (Chemical Analysis)	4	--	30	70	3
PYT.2.104	Ph. Microbiology	4	--	30	70	3
PYT.2.105	Communicative English*	4		30	70	3
PYP.2.106	Ph. Org. Chemistry – I Lab	--	4	25	50	4
PYP.2.107	Pharmaceutical Analysis – I (Chemical Analysis) Lab	--	4	25	50	4
PYP.2.108	Ph. Microbiology Lab	--	4	25	50	4
		32		225	500	

Candidates admitted into B.Pharm II year directly from Diploma Stream (lateral entry) should study the papers PYT.1.104 – Mathematics, PYT.1.105 – Basic computer applications & PYP.1.110 – Basic Computer Applications Practicals.

**SCHEME OF INSTRUCTION AND EXAMINATION
FOR
B. PHARMACY - II YEAR II SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)		MARKS	DURATION OF EXAM.	
		Theory	Practicals		Exams.	Hrs.
PYT.2.201	Ph. Organic Chemistry – II	4	--	30	70	3
PYT.2.202	Pharmaceutical Biochemistry	4	--	30	70	3
PYT.2.203	Pharmaceutical Engineering – II	4	--	30	70	3
PYT.2.204	Pharmacognosy – I	4	--	30	70	3
PYT.2.205	Environmental Studies*	4	--	30	70	3
PYP.2.206	Ph. Org. Chemistry – II Lab	--	4	25	50	4
PYP.2.207	Pharm. Biochemistry Lab	--	4	25	50	4
PYP.2.208	Pharm. Engineering Lab	--	4	25	50	4
		32		225	500	

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**SCHEME OF INSTRUCTION AND EXAMINATION
FOR
B. PHARMACY - III YEAR 1ST SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)		MARKS	DURATION OF EXAM.	
		Theory	Practicals		Exams.	Hrs.
PYT.3.101	Medicinal Chemistry – I	4	--	30	70	3
PYT.3.102	Pharmaceutical Technology (Pharmaceutics – II)	4	--	30	70	3
PYT.3.103	Physical Pharmacy – I	4	--	30	70	3
PYT.3.104	Pharmacognosy – II	4	--	30	70	3
PYT.3.105	Pharmacology – I	4	--	30	70	3
PYP.3.106	Pharmaceutical Technology (Pharmaceutics – II) Lab	--	4	25	50	4
PYP.3.107	Pharmacognosy Lab	--	6	25	50	4
PYP.3.108	Multimedia Aided Language Lab	--	4	25	50	4
		34		22	500	

ST. PAUL'S COLLEGE OF PHARMACY
**SCHEME OF INSTRUCTION AND EXAMINATION
FOR
B. PHARMACY - III YEAR 2ND SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)		MARKS	DURATION OF EXAM.	
		Theory	Practicals		Exams.	Hrs
PYT.3.201	Pharmaceutical Chemistry (Chemistry of Natural Products)	4	--	30	70	3
PYT.3.202	Pharmacology – II	4	--	30	70	3
PYT.3.203	Physical Pharmacy – II	4	--	30	70	3
PYT.3.204	Forensic Pharmacy (Pharmaceutical Jurisprudence)	4	--	30	70	3
PYT.3.205	Biostatistics (Pharmacostatistics)	4	--	30	70	3
PYP.3.206	Pharmaceutical Chemistry (Chem. of Natural Products) Lab	--	6	25	50	6
PYP.3.207	Pharmacology Lab	--	4	25	50	4
PYP.3.208	Physical Pharmacy Lab	--	4	25	50	4
		34		225	500	

OBVIOUS

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**SCHEME OF INSTRUCTION AND EXAMINATION
FOR B. PHARMACY - IV YEAR 1ST SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)	MARKS		DURATION OF EXAM.
			Theory/Practicals	Sessionals	
PYT.4.101	BioPharmaceutics & Pharmacokinetics	4	30	70	3
PYT.4.102	Pharmaceutical Analysis – II (Instrumental Analysis)	4	30	70	3
PYT.4.103	Medicinal Chemistry – II	4	30	70	3
PYT.4.104	Dosage formulation Design (Pharmaceutics – III)	4	30	70	3
PYT.4.105	Ph.Business Management	4	30	70	3
PYP.4.106	Pharmaceutical Analysis – II (Instrumental Analysis) Lab	4	25	50	4
PYP.4.107	Medicinal Chemistry Lab	6	25	50	4
PYP.4.108	Dosage formulation Design (Pharmaceutics – III) Lab	4	25	50	4
		34	225	500	

**SCHEME OF INSTRUCTION AND EXAMINATION
FOR B. PHARMACY - IV YEAR IIIND SEMESTER**

COURSE NO.	SUBJECTS	PERIODS / WEEK (50 Mts.)	MARKS		DURATION OF EXAM.
			Th/Pr	Sessionals	
PYT.4.201	Pharmaceutical Biotechnology	4	30	70	3
PYT.4.202	Hospital and Clinical Pharmacy	4	30	70	3
PYT.4.203	Cosmetic Technology	4	30	70	3
PYT.4.204	Pharmacoinformatics	4	30	70	3
PYP.4.205	Pharmaceutical Biotechnology Lab	4	25	50	4
PYP.4.206	Cosmetic Technology Lab	4	25	50	4
PYP.4.207	Pharmacoinformatics Lab	4	25	50	4
PYP.4.208	Seminar	2	A~B~C~D		
		30	195	430	

First Year :

Pharm.D

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
1.1	Human Anatomy and Physiology	3	3	1
1.2	Pharmaceutics	2	3	1
1.3	Medicinal Biochemistry	3	3	1
1.4	Pharmaceutical Organic Chemistry	3	3	1
1.5	Pharmaceutical Inorganic Chemistry	2	3	1
1.6	Remedial Mathematics/ Biology	3	3*	1
	Total hours	16	18	6 = (40)

* For Biology

First Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
1.1	Human Anatomy and Physiology	70	30	100	70	30	100
1.2	Pharmaceutics	70	30	100	70	30	100
1.3	Medicinal Biochemistry	70	30	100	70	30	100
1.4	Pharmaceutical Organic Chemistry	70	30	100	70	30	100
1.5	Pharmaceutical Inorganic Chemistry	70	30	100	70	30	100
1.6	Remedial Mathematics/ Biology	70	30	100	70*	30*	100*
				600			600 = 1200

* for Biology.

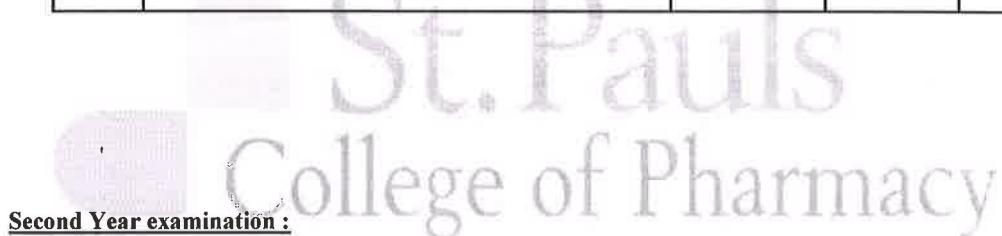
OBALOG

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Pharm-D

Second Year:

S.No	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
2.1	Pathophysiology	3	-	1
2.2	Pharmaceutical Microbiology	3	3	1
2.3	Pharmacognosy & Phytopharmaceuticals	3	3	1
2.4	Pharmacology-I	3	-	1
2.5	Community Pharmacy	2	-	1
2.6	Pharmacotherapeutics-I	3	3	1
	Total Hours	17	9	6=32



Second Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30	100	-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy & Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	70	30	100	-	-	-
2.5	Community Pharmacy	70	30	100	-	-	-
2.6	Pharmacotherapeutics-I	70	30	100	70	30	100
				600			300 = 900

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SCHEME OF INSTRUCTION, EXAMINATION AND EVALUATION
Program Code: 885 M. Pharm. (Pharmaceutical Analysis & Quality Assurance)
2015 – 16

SEMESTER - I

Course Code	Course Title	Hours/Week			Credits	Marks		Duration of Exam
		L	T	P		Internal	End Exam	
PY.09.884.11.T	Pharmaceutical Analytical Techniques	3	0	-	3	25	75	3
PY.09.886.12.T	Pharmaceutical Product Development	4	0	-	4	25	75	3
PY.09.885.13.T	Quality Control of Health Related Products	4	0	0	4	25	75	3
PY.09.885.14.T	Instrumental Methods of Analysis	4	0	0	4	25	75	3
PY.09.885.15.T	Quality Assurance	3	0	0	3	25	75	3
PY.09.884.11.P	Pharmaceutical Analytical Techniques	-	0	4	2	25	75	6
PY.09.886.12.P	Pharmaceutical Product Development	-	0	4	2	25	75	6
					22	175	525	
PY.09.885.10.S	SAIL	1	2	0	2	Grade		
PY.09.885.11.S	Seminar	1	0	2	2	Grade		

SEMESTER - II

Course Code	Course Title	Hours/Week			Credits	Marks		Duration of Exam
		L	T	P		Internal	End Exam	
PY.09.885.21.T	IPR & Regulatory Affairs	3	0	-	3	25	75	3
PY.09.885.22.T	Analytical Method Validation	4	0	-	4	25	75	3
PY.09.885.23.T	Quality Control Methods	4	0	0	4	25	75	3
PY.09.885.24.T	Biological Standardization	4	0	0	4	25	75	3
PY.09.88X.25.T	Elective *	3	0	0	3	25	75	3
PY.09.885.22.P	Analytical Method Validation	-	0	4	2	25	75	6
PY.09.885.23.P	Quality Control Methods	-	0	4	2	25	75	6
					22	175	525	
PY.09.885.20.S	SAIL	1	2	0	2	Grade		
PY.09.885.21.S	Seminar	1	0	2	2	Grade		

* Discipline Centric –Pharmaceutical Packaging Technology / Drug Polymer Technology;
Open – Quality Assurance & Management.

SEMESTER – III

Course Code	Course Title	Hours /Week	Credits	Marks		Duration in Weeks
				Internal	External	
PY.10.885.31.P	Design Seminar	30	6	50	-	6
PY.10.885.32.P	Report on Progressive Seminar	30	10	50	-	10
		480	16	100		

SEMESTER – IV

Course Code	Course Title	Hours /Week	Credits	Marks		Duration in Weeks
				Internal	External	
PY.10.885.41.P	Pre-Submission Seminar	30	10	50	100	10
PY.10.885.42.T	Submission and Adjudication	30	12	200	100	6
PY.10.885.43.T	Final Viva-voce	30	2	50	250	1
		510	24	300	250	17

Chairperson, Bos

Head of the Department

Dean of the Faculty

1

Rakha
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SCHEME OF INSTRUCTION, EXAMINATION AND EVALUATION
Program Code: 886 M. Pharm. (Pharmaceutics)
2015 – 16

SEMESTER - I

Course Code	Course Title	Hours /Week			Credits	Marks		Duration of Exam
		L	T	P		Internal	End Exam	
PY.09.884.11.T	Pharmaceutical Analytical Techniques	3	0	-	3	25	75	3
PY.09.886.12.T	Pharmaceutical Product Development	4	0	-	4	25	75	3
PY.09.886.13.T	Pharmaceutical Production Technology	4	0	0	4	25	75	3
PY.09.886.14.T	Advanced Physical Pharmaceutics	4	0	0	4	25	75	3
PY.09.885.15.T	Quality Assurance	3	0	0	3	25	75	3
PY.09.884.11.P	Pharmaceutical Analytical Techniques	-	0	4	2	25	75	6
PY.09.886.12.P	Pharmaceutical Product Development	-	0	4	2	25	75	6
					22	175	525	
PY.09.886.10.S	SAIL	1	2	0	2	Grade		
PY.09.886.11.S	Seminar	1	0	2	2	Grade		

SEMESTER - II

Course Code	Course Title	Hours /Week			Credits	Marks		Duration of Exam
		L	T	P		Internal	End Exam	
PY.09.885.21.T	Int. Property Rights & Regulatory Affairs	3	0	-	3	25	75	3
PY.09.886.22.T	Biopharmaceutics and Pharmacokinetics	4	0	-	4	25	75	3
PY.09.886.23.T	Advances in Drug Delivery System	4	0	0	4	25	75	3
PY.09.886.24.T	Process Scale Up and Validation	4	0	0	4	25	75	3
PY.09.886.25.T	Elective *	3	0	0	3	25	75	3
PY.09.886.22.P	Biopharmaceutics and Pharmacokinetics	-	0	4	2	25	75	6
PY.09.886.23.P	Advances in Drug Delivery System	-	0	4	2	25	75	6
					22	175	525	
PY.09.886.20.S	SAIL	1	2	0	2	Grade		
PY.09.886.21.S	Seminar	1	0	2	2	Grade		

* Discipline Centric – Cosmetic Technology/Drug Polymer Technology;
Open – Pharmaceutical Biotechnology

SEMESTER – III

Course Code	Course Title	Hours /Week			Credits	Marks		Duration in Weeks
		Internal	External					
PY.10.886.31.P	Design Seminar	30			6	50	-	6
PY.10.886.32.P	Progressive Seminar	30			10	50	-	10
		480			16	100		

SEMESTER – IV

Course Code	Course Title	Hours /Week			Credits	Marks		Duration in Weeks
		Internal	External					
PY.10.886.41.P	Pre-Submission Seminar	30			10	50	-	10
PY.10.886.42.P	Submission and Adjudication	30			12	200	-	6
PY.10.886.43.P	Final Viva-voce	30			2	50	-	1
		510			24	300		17

Assessment Year 2017-18
B.Pharmacy, Pharm.D,M.Pharmacy
Syllabus

B. Pharmacy

Table-I: Course of study for semester I

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I – Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	2
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
Total	32/34\$/36#	4	27/29\$/30#	

*Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

\$ Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE) by AICTE, PCI and AICTE affiliated to Osmania University

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B.Pharmacy

Table-II: Course of study for semester II

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II – Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology – Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3	-	3
BP206T	Environmental sciences – Theory *	3	-	3
BP207P	Human Anatomy and Physiology II – Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I – Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
Total		32	4	29

*Non University Examination (NUE)



(Approved by AICTE, PCI and Affiliated to Osmania University)

Principals

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OSMANIA UNIVERSITY

Faculty of Pharmacy

SCHEME OF INSTRUCTION, EXAMINATION AND EVALUATION

(Effective for Batches Admitted from 2016 – 17 Academic Year Onwards)

Program Code: 881

B. Pharmacy (Second Year)

SEMESTER - III

Course Code	Description	Course Title	Hours/Week			Credits	Marks		Duration of Exam
			L	T	P		Internal	End Exam	
PY.06.881.3.1.T	PS, CORE	Pharmaceutical Organic Chemistry-II	4	0	-	1	30	70	3
PY.06.881.3.2.T	PS, CORE	Pharmaceutical Analysis-I (Chemical Analysis)	4	0	-	1	30	70	3
PY.06.881.3.3.T	BS, FC	Pharmaceutical Microbiology	3	0	0	3	30	70	3
PY.06.881.3.4.T	PS, CORE	Pharmaceutical Engineering-I	4	0	0	1	30	70	3
PY.06.881.3.5.T	BS, FC	Environmental Sciences	3	0	-	3	30	70	3
PY.06.881.3.6.P	PS, CORE	Pharmaceutical Organic Chemistry-II - Practical	0	0	4	2	30	70	1
PY.06.881.3.7.P	PS, CORE	Pharmaceutical Analysis-I (Chemical Analysis) - Practical	0	0	4	2	30	70	1
PY.06.881.3.8.P	BS, FC	Pharmaceutical Microbiology - Practical	0	0	4	2	30	70	1
			18	0	12	24	240	560	

Note: Candidates admitted through lateral entry into B.Pharm. III Semester directly from Diploma Stream should study and qualify the papers of Mathematics (Only for those Candidates Admitted to Diploma in Pharmacy from Biology Stream at +2 Level) and Basic Computer Applications (Theory and Practicals) as Bridge Course for B.Pharm Program and will not be part of CGPA.

SEMESTER - IV

Course Code	Description	Course Title	Hours/Week			Credits	Marks		Duration of Exam
			L	T	P		Internal	End Exam	
PY.06.881.4.1.T	PS, CORE	Pharmaceutical Chemistry (Chemistry of Natural Products) ✓	4	0	-	4	30	70	3
PY.06.881.4.2.T	PS, CORE	Pharmaceutical Engineering-II ✓	4	0	-	4	30	70	3
PY.06.881.4.3.T	BS, FC	Pharmaceutical Biochemistry ✓	3	0	-	3	30	70	3
PY.06.881.4.4.T	BS, FC	Biostatistics (Pharmacostatistics)	3	0	-	3	30	70	3
PY.06.881.4.5.T	Open Elective	Pathophysiology / Green Chemistry ✓	4	0	-	4	30	70	3
PY.06.881.4.6.P	PS, CORE	Pharmaceutical Chemistry (Chemistry of Natural Products) Practicals	0	0	4	2	30	70	1
PY.06.881.4.7.P	PS, CORE	Pharmaceutical Engineering Practicals	0	0	4	2	30	70	1
PY.06.881.4.8.P	BS, FC	Pharmaceutical Biochemistry Practicals	0	0	4	2	30	70	1
			18	0	12	24	240	560	

Note: Marks are Converted into Grade Points and Total is Calculated for SGPA on a 10 Point Scale

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**SCHEME OF INSTRUCTION AND EXAMINATION
FOR
B. PHARMACY - III YEAR 1ST SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)		MARKS	DURATION OF EXAM.	
		Theory	Practicals		Exams.	Hrs.
PYT.3.101	Medicinal Chemistry – I	4	--	30	70	3
PYT.3.102	Pharmaceutical Technology (Pharmaceutics – II)	4	--	30	70	3
PYT.3.103	Physical Pharmacy – I	4	--	30	70	3
PYT.3.104	Pharmacognosy – II	4	--	30	70	3
PYT.3.105	Pharmacology – I	4	--	30	70	3
PYP.3.106	Pharmaceutical Technology (Pharmaceutics – II) Lab	--	4	25	50	4
PYP.3.107	Pharmacognosy Lab	--	6	25	50	4
PYP.3.108	Multimedia Aided Language Lab	--	4	25	50	4
		34		22	500	

ST. PAUL'S COLLEGE OF PHARMACY
**SCHEME OF INSTRUCTION AND EXAMINATION
FOR
B. PHARMACY - III YEAR IIIND SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)		MARKS	DURATION OF EXAM.	
		Theory	Practicals		Exams.	Hrs
PYT.3.201	Pharmaceutical Chemistry (Chemistry of Natural Products)	4	--	30	70	3
PYT.3.202	Pharmacology – II	4	--	30	70	3
PYT.3.203	Physical Pharmacy – II	4	--	30	70	3
PYT.3.204	Forensic Pharmacy (Pharmaceutical Jurisprudence)	4	--	30	70	3
PYT.3.205	Biostatistics (Pharmacostatistics)	4	--	30	70	3
PYP.3.206	Pharmaceutical Chemistry (Chem. of Natural Products) Lab	--	6	25	50	6
PYP.3.207	Pharmacology Lab	--	4	25	50	4
PYP.3.208	Physical Pharmacy Lab	--	4	25	50	4
		34		225	500	

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**SCHEME OF INSTRUCTION AND EXAMINATION
FOR B. PHARMACY - IV YEAR 1ST SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)	MARKS		DURATION OF EXAM.
		Theory/Practicals	Sessionals	Exams.	Hrs.
PYT.4.101	BioPharmaceutics & Pharmacokinetics	4	30	70	3
PYT.4.102	Pharmaceutical Analysis – II (Instrumental Analysis)	4	30	70	3
PYT.4.103	Medicinal Chemistry – II	4	30	70	3
PYT.4.104	Dosage formulation Design (Pharmaceutics – III)	4	30	70	3
PYT.4.105	Ph.Business Management	4	30	70	3
PYP.4.106	Pharmaceutical Analysis – II (Instrumental Analysis) Lab	4	25	50	4
PYP.4.107	Medicinal Chemistry Lab	6	25	50	4
PYP.4.108	Dosage formulation Design (Pharmaceutics – III) Lab	4	25	50	4
		34	225	500	

**SCHEME OF INSTRUCTION AND EXAMINATION
FOR B. PHARMACY - IV YEAR IIND SEMESTER**

COURSE NO.	SUBJECTS	PERIODS / WEEK (50 Mts.)	MARKS		DURATION OF EXAM.
		Th/Pr	Sessionals	Exams	Hrs.
PYT.4.201	Pharmaceutical Biotechnology	4	30	70	3
PYT.4.202	Hospital and Clinical Pharmacy	4	30	70	3
PYT.4.203	Cosmetic Technology	4	30	70	3
PYT.4.204	Pharmacoinformatics	4	30	70	3
PYP.4.205	Pharmaceutical Biotechnology Lab	4	25	50	4
PYP.4.206	Cosmetic Technology Lab	4	25	50	4
PYP.4.207	Pharmacoinformatics Lab	4	25	50	4
PYP.4.208	Seminar	2	A~B~C~D		
		30	195	430	

(Rakesh)

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Pharm-D

First Year :

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
1.1	Human Anatomy and Physiology	3	3	1
1.2	Pharmaceutics	2	3	1
1.3	Medicinal Biochemistry	3	3	1
1.4	Pharmaceutical Organic Chemistry	3	3	1
1.5	Pharmaceutical Inorganic Chemistry	2	3	1
1.6	Remedial Mathematics/ Biology	3	3*	1
	Total hours	16	18	6 = (40)

* For Biology

First Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
1.1	Human Anatomy and Physiology	70	30	100	70	30	100
1.2	Pharmaceutics	70	30	100	70	30	100
1.3	Medicinal Biochemistry	70	30	100	70	30	100
1.4	Pharmaceutical Organic Chemistry	70	30	100	70	30	100
1.5	Pharmaceutical Inorganic Chemistry	70	30	100	70	30	100
1.6	Remedial Mathematics/ Biology	70	30	100	70*	30*	100*
				600			600 = 1200

Prashant

* for Biology.

*St. Paul's College of Pillai
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Pharm.D.

Second Year:

S.No	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
2.1	Pathophysiology	3	-	1
2.2	Pharmaceutical Microbiology	3	3	1
2.3	Pharmacognosy & Phytopharmaceuticals	3	3	1
2.4	Pharmacology-I	3	-	1
2.5	Community Pharmacy	2	-	1
2.6	Pharmacotherapeutics-I	3	3	1
	Total Hours	17	9	6=32

Second Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30	100	-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy & Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	70	30	100	-	-	-
2.5	Community Pharmacy	70	30	100	-	-	-
2.6	Pharmacotherapeutics-I	70	30	100	70	30	100
				600			300 = 900

Praksha

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Pharm.D

Third Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
3.1	Pharmacology-II	3	3	1
3.2	Pharmaceutical Analysis	3	3	1
3.3	Pharmacotherapeutics-II	3	3	1
3.4	Pharmaceutical Jurisprudence	2	-	-
3.5	Medicinal Chemistry	3	3	1
3.6	Pharmaceutical Formulations	2	3	1
	Total hours	16	15	5=36

Third Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
3.1	Pharmacology-II	70	30	100	70	30	100
3.2	Pharmaceutical Analysis	70	30	100	70	30	100
3.3	Pharmacotherapeutics-II	70	30	100	70	30	100
3.4	Pharmaceutical Jurisprudence	70	30	100	-	-	-
3.5	Medicinal Chemistry	70	30	100	70	30	100
3.6	Pharmaceutical Formulations	70	30	100	70	30	100
				600			500 = 1100


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Table – 5: Course of study for M. Pharm. (Pharmaceutical Analysis)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPA102T	Advanced Pharmaceutical Analysis	4	4	4	100
MPA103T	Pharmaceutical Validation	4	4	4	100
MPA104T	Food Analysis	4	4	4	100
MPA105P	Pharmaceutical Analysis				
	Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MPA201T	Advanced Instrumental Analysis	4	4	4	100
MPA202T	Modern Bio-Analytical Techniques	4	4	4	100
MPA203T	Quality Control and Quality Assurance	4	4	4	100
MPA204T	Herbal and Cosmetic Analysis	4	4	4	100
MPA205P	Pharmaceutical Analysis				
	Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

(Approved by AICTE, PCI and Affiliated to Osmania University)

Prakash

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Table – 2: Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
Semester I					
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affairs	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

(Approved by AICTE, PCI and Affiliated to Osmania University)

Babu
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SCHEME OF INSTRUCTION, EXAMINATION AND EVALUATION
Program Code: 885 M. Pharm. (Pharmaceutical Analysis & Quality Assurance)
2015 – 16

SEMESTER - I

Course Code	Course Title	Hours/Week			Credits	Marks		Duration of Exam
		L	T	P		Internal	End Exam	
PY.09.884.11.T	Pharmaceutical Analytical Techniques	3	0	-	3	25	75	3
PY.09.886.12.T	Pharmaceutical Product Development	4	0	-	4	25	75	3
PY.09.885.13.T	Quality Control of Health Related Products	4	0	0	4	25	75	3
PY.09.885.14.T	Instrumental Methods of Analysis	4	0	0	4	25	75	3
PY.09.885.15.T	Quality Assurance	3	0	0	3	25	75	3
PY.09.884.11.P	Pharmaceutical Analytical Techniques	-	0	4	2	25	75	6
PY.09.886.12.P	Pharmaceutical Product Development	-	0	4	2	25	75	6
					22	175	525	
PY.09.885.10.S	SAIL	1	2	0	2	Grade		
PY.09.885.11.S	Seminar	1	0	2	2	Grade		

SEMESTER - II

Course Code	Course Title	Hours/Week			Credits	Marks		Duration of Exam
		L	T	P		Internal	End Exam	
PY.09.885.21.T	IPR & Regulatory Affairs	3	0	-	3	25	75	3
PY.09.885.22.T	Analytical Method Validation	4	0	-	4	25	75	3
PY.09.885.23.T	Quality Control Methods	4	0	0	4	25	75	3
PY.09.885.24.T	Biological Standardization	4	0	0	4	25	75	3
PY.09.88X.25.T	Elective *	3	0	0	3	25	75	3
PY.09.885.22.P	Analytical Method Validation	-	0	4	2	25	75	6
PY.09.885.23.P	Quality Control Methods	-	0	4	2	25	75	6
					22	175	525	
PY.09.885.20.S	SAIL	1	2	0	2	Grade		
PY.09.885.21.S	Seminar	1	0	2	2	Grade		

* Discipline Centric –Pharmaceutical Packaging Technology / Drug Polymer Technology;
 Open – Quality Assurance & Management.

SEMESTER – III

Course Code	Course Title	Hours /Week	Credits	Marks		Duration in Weeks
				Internal	External	
PY.10.885.31.P	Design Seminar	30	6	50	-	6
PY.10.885.32.P	Report on Progressive Seminar	30	10	50	-	10
		480			100	

SEMESTER – IV

Course Code	Course Title	Hours /Week	Credits	Marks		Duration in Weeks
				Internal	External	
PY.10.885.41.P	Pre-Submission Seminar	30	10		50	10
PY.10.885.42.T	Submission and Adjudication	30	12		200	6
PY.10.885.43.T	Final Viva-voce	30	2		50	1
		510			300	17

Chairperson, Bos

Head of the Department

Dean of the Faculty

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SCHEME OF INSTRUCTION, EXAMINATION AND EVALUATION
Program Code: 886 M. Pharm. (Pharmaceutics)
2015 – 16

SEMESTER - I

Course Code	Course Title	Hours /Week			Credits	Marks		Duration of Exam
		L	T	P		Internal	End Exam	
PY.09.884.11.T	Pharmaceutical Analytical Techniques	3	0	-	3	25	75	3
PY.09.886.12.T	Pharmaceutical Product Development	4	0	-	4	25	75	3
PY.09.886.13.T	Pharmaceutical Production Technology	4	0	0	4	25	75	3
PY.09.886.14.T	Advanced Physical Pharmaceutics	4	0	0	4	25	75	3
PY.09.885.15.T	Quality Assurance	3	0	0	3	25	75	3
PY.09.884.11.P	Pharmaceutical Analytical Techniques	-	0	4	2	25	75	6
PY.09.886.12.P	Pharmaceutical Product Development	-	0	4	2	25	75	6
					22	175	525	
PY.09.886.10.S	SAIL	1	2	0	2	Grade		
PY.09.886.11.S	Seminar	1	0	2	2	Grade		

SEMESTER - II

Course Code	Course Title	Hours /Week			Credits	Marks		Duration of Exam
		L	T	P		Internal	End Exam	
PY.09.885.21.T	Int. Property Rights & Regulatory Affairs	3	0	-	3	25	75	3
PY.09.886.22.T	Biopharmaceutics and Pharmacokinetics	4	0	-	4	25	75	3
PY.09.886.23.T	Advances in Drug Delivery System	4	0	0	4	25	75	3
PY.09.886.24.T	Process Scale Up and Validation	4	0	0	4	25	75	3
PY.09.88X.25.T	Elective *	3	0	0	3	25	75	3
PY.09.886.22.P	Biopharmaceutics and Pharmacokinetics	-	0	4	2	25	75	6
PY.09.886.23.P	Advances in Drug Delivery System	-	0	4	2	25	75	6
					22	175	525	
PY.09.886.20.S	SAIL	1	2	0	2	Grade		
PY.09.886.21.S	Seminar	1	0	2	2	Grade		

* Discipline Centric – Cosmetic Technology/Drug Polymer Technology;
Open – Pharmaceutical Biotechnology

SEMESTER – III

Course Code	Course Title	Hours /Week			Credits	Marks		Duration in Weeks
		Internal	External					
PY.10.886.31.P	Design Seminar	30			6	50	-	6
PY.10.886.32.P	Progressive Seminar	30			10	50	-	10
		480			16	100		

SEMESTER – IV

Course Code	Course Title	Hours /Week			Credits	Marks		Duration in Weeks
		Internal	External					
PY.10.886.41.P	Pre-Submission Seminar	30			10	50	-	10
PY.10.886.42.P	Submission and Adjudication	30			12	200	-	6
PY.10.886.43.P	Final Viva-voce	30			2	50	-	1
		510			24	300	-	17

Chairperson, BoS

Head of the Department

Dean of the Faculty

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Assessment Year 2018-19

**B.Pharmacy, Pharm.D, Pharm.D(PB), M.Pharmacy
Syllabus**

B. Pharmacy

Table-I: Course of study for semester I

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I – Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106RBT	Remedial Biology/	2	-	2
BP106RMT	Remedial Mathematics – Theory*			
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P'	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
Total		32/34^{\$}/36[#]	4	27/29^{\$}/30[#]

*Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

^{\$}Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE)

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B.Pharmacy

Table-II: Course of study for semester II

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II – Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology – Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3	-	3
BP206T	Environmental sciences – Theory *	3	-	3
BP207P	Human Anatomy and Physiology II – Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I – Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
Total		32	4	29

*Non University Examination (NUE)



(Approved by AICTE, PCI and Affiliated to Osmania University)

CPAHC

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B.Pharmacy

Table-III: Course of study for semester III

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering – Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP 308P	Pharmaceutical Engineering –Practical	4	-	2
Total		28	4	24

Table-IV: Course of study for semester IV

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	4
BP402T	Medicinal Chemistry I – Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I – Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4	-	2
BP408P	Pharmacology I – Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4	-	2
Total			Osmania University	28

(BP401T)

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OSMANIA UNIVERSITY

Faculty of Pharmacy

SCHEME OF INSTRUCTION, EXAMINATION AND EVALUATION

(Effective for Batches Admitted from 2016 – 17 Academic Year Onwards)

Program Code: 881

B. Pharmacy (Third Year)

SEMESTER - V

Course Code	Description	Course Title	Hours/Week			Credits	Marks		Duration of Exam
			L	T	P		Internal	End Exam	
PY.07.881.5.1.T	PS. CORE	Medicinal Chemistry-I	4	0	-	4	30	70	3
PY.07.881.5.2.T	PS. CORE	Pharmaceutical Technology	4	0	-	4	30	70	3
PY.07.881.5.3.T	PS. CORE	Physical Pharmacy - I	4	0	0	4	30	70	3
PY.07.881.5.4.T	PS. FC	Pharmacognosy - I	3	0	0	3	30	70	3
PY.07.881.5.5.T	PS. FC	Pharmacology - I	3	0	0	3	30	70	3
PY.07.881.5.6.P	PS. CORE	Medicinal Chemistry - I Practical							
		Practical	0	0	4	2	30	70	1
PY.07.881.5.7.P	PS. CORE	Pharmaceutical Technology							
		Practical	0	0	4	2	30	70	1
PY.07.881.5.8.P	PS. FC	Pharmacognosy - I Practical	0	0	4	2	30	70	1
			18	0	12	24	240	560	

SEMESTER - VI

Course Code	Description	Course Title	Hours/Week			Credits	Marks		Duration of Exam
			L	T	P		Internal	End Exam	
PY.07.881.6.1.T	PS. CORE	Physical Pharmacy-II	4	0	-	4	30	70	3
PY.07.881.6.2.T	PS. CORE	Pharmacology-II	4	0	-	4	30	70	3
PY.07.881.6.3.T	PS. CORE	Pharmacognosy-II	4	0	-	4	30	70	3
PY.07.881.6.4.T	PS. FC	Forensic Pharmacy (Pharmaceutical Jurisprudence)	3	0	-	3	30	70	3
PY.07.881.6.5.T	PS. IDE	Pharmaco Therapeutics/Quality Assurance	3	0	-	3	30	70	3
PY.07.881.6.6.P	PS. CORE	Physical Pharmacy Practical	0	0	4	2	30	70	1
PY.07.881.6.7.P	PS. CORE	Pharmacology Practical	0	0	4	2	30	70	1
PY.07.881.6.8.P	PS. CORE	Pharmacognosy-II Practical	0	0	4	2	30	70	1
			18	0	12	24	240	560	

Note: Marks are Converted into Grade Points and Total is Calculated for SGPA on a 10 Point Scale

Rajendra

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**SCHEME OF INSTRUCTION AND EXAMINATION
FOR B. PHARMACY - IV YEAR 1ST SEMESTER**

COURSE NO.	SUBJECTS	PERIODS/WEEK (50 Mts.)	MARKS		DURATION OF EXAM.
			Theory/Practicals	Sessionals	
PYT.4.101	BioPharmaceutics & Pharmacokinetics	4	30	70	3
PYT.4.102	Pharmaceutical Analysis – II (Instrumental Analysis)	4	30	70	3
PYT.4.103	Medicinal Chemistry – II	4	30	70	3
PYT.4.104	Dosage formulation Design (Pharmaceutics – III)	4	30	70	3
PYT.4.105	Ph.Business Management	4	30	70	3
PYP.4.106	Pharmaceutical Analysis – II (Instrumental Analysis) Lab	4	25	50	4
PYP.4.107	Medicinal Chemistry Lab	6	25	50	4
PYP.4.108	Dosage formulation Design (Pharmaceutics – III) Lab	4	25	50	4
T P O S O L G		34	F 225	R 500	A Y

**SCHEME OF INSTRUCTION AND EXAMINATION
FOR B. PHARMACY - IV YEAR IIIND SEMESTER**

COURSE NO.	SUBJECTS	PERIODS / WEEK (50 Mts.)	MARKS		DURATION OF EXAM.
			Th/Pr	Sessionals	
PYT.4.201	Pharmaceutical Biotechnology	4	30	70	3
PYT.4.202	Hospital and Clinical Pharmacy	4	30	70	3
PYT.4.203	Cosmetic Technology	4	30	70	3
PYT.4.204	Pharmacoinformatics	4	30	70	3
PYP.4.205	Pharmaceutical Biotechnology Lab	4	25	50	4
PYP.4.206	Cosmetic Technology Lab	4	25	50	4
PYP.4.207	Pharmacoinformatics Lab	4	25	50	4
PYP.4.208	Seminar	2	A~B~C~D		
		30	195	430	

Umesh
Principal

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Pharm.D

First Year :

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
1.1	Human Anatomy and Physiology	3	3	1
1.2	Pharmaceutics	2	3	1
1.3	Medicinal Biochemistry	3	3	1
1.4	Pharmaceutical Organic Chemistry	3	3	1
1.5	Pharmaceutical Inorganic Chemistry	2	3	1
1.6	Remedial Mathematics/ Biology	3	3*	1
	Total hours	16	18	6 = (40)

* For Biology

First Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
1.1	Human Anatomy and Physiology	70	30	100	70	30	100
1.2	Pharmaceutics	70	30	100	70	30	100
1.3	Medicinal Biochemistry	70	30	100	70	30	100
1.4	Pharmaceutical Organic Chemistry	70	30	100	70	30	100
1.5	Pharmaceutical Inorganic Chemistry	70	30	100	70	30	100
1.6	Remedial Mathematics/ Biology	70	30	100	70*	30*	100*
				600			600 = 1200

* for Biology.


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Pharm-D

Second Year:

S.No	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
2.1	Pathophysiology	3	-	1
2.2	Pharmaceutical Microbiology	3	3	1
2.3	Pharmacognosy & Phytopharmaceuticals	3	3	1
2.4	Pharmacology-I	3	-	1
2.5	Community Pharmacy	2	-	1
2.6	Pharmacotherapeutics-I	3	3	1
	Total Hours	17	9	6=32



Second Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30	100	-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy & Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	70	30	100	-	-	-
2.5	Community Pharmacy	70	30	100	-	-	-
2.6	Pharmacotherapeutics-I	70	30	100	70	30	100
				600			300 = 900

Chakravarthy

Principal
St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Third Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
3.1	Pharmacology-II	3	3	1
3.2	Pharmaceutical Analysis	3	3	1
3.3	Pharmacotherapeutics-II	3	3	1
3.4	Pharmaceutical Jurisprudence	2	-	-
3.5	Medicinal Chemistry	3	3	1
3.6	Pharmaceutical Formulations	2	3	1
	Total hours	16	15	5=36

Third Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
3.1	Pharmacology-II	70	30	100	70	30	100
3.2	Pharmaceutical Analysis	70	30	100	70	30	100
3.3	Pharmacotherapeutics-II	70	30	100	70	30	100
3.4	Pharmaceutical Jurisprudence	70	30	100	-	-	-
3.5	Medicinal Chemistry	70	30	100	70	30	100
3.6	Pharmaceutical Formulations	70	30	100	70	30	100
				600			500 = 1100

Prabhakar

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Pharm.D

Fourth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical/ Hospital Posting	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
4.1	Pharmacotherapeutics-III	3	3	1
4.2	Hospital Pharmacy	2	3	1
4.3	Clinical Pharmacy	3	3	1
4.4	Biostatistics & Research Methodology	2	-	1
4.5	Biopharmaceutics & Pharmacokinetics	3	3	1
4.6	Clinical Toxicology	2	-	1
	Total hours	15	12	6=33

Fourth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			400 = 1000

CBANIA

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St. Pauls College of Pharmacy
Turkayamjal, R.R. Dist-501 510

Table – 5: Course of study for M. Pharm. (Pharmaceutical Analysis)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPA102T	Advanced Pharmaceutical Analysis	4	4	4	100
MPA103T	Pharmaceutical Validation	4	4	4	100
MPA104T	Food Analysis	4	4	4	100
MPA105P	Pharmaceutical Analysis Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPA201T	Advanced Instrumental Analysis	4	4	4	100
MPA202T	Modern Bio-Analytical Techniques	4	4	4	100
MPA203T	Quality Control and Quality Assurance	4	4	4	100
MPA204T	Herbal and Cosmetic Analysis	4	4	4	100
MPA205P	Pharmaceutical Analysis Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

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CPAOKA

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Table – 2: Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
Semester I					
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affairs	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

(Approved by AICTE, PCI and Affiliated to Osmania University)

CPBakshi

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**Table – 12: Course of study for M. Pharm. III Semester
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
MRM 301T	Research Methodology and Biostatistics*	4	4
-	Journal club	1	1
-	Discussion / Presentation (Proposal Presentation)	2	2
-	Research Work	28	14
	Total	35	21

* Non University Exam

**'Table – 13: Course of study for M. Pharm. IV Semester
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
-	Journal Club	1	1
-	Research Work	31	16
-	Discussion/Final Presentation	3	3
	Total	35	20

Table – 14: Semester wise credits distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

*Credit Points for Co-curricular Activities

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Pharm-D (PR) I year

Fourth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical/Hospital Posting	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
4.1	Pharmacotherapeutics-III	3	3	1
4.2	Hospital Pharmacy	2	3	1
4.3	Clinical Pharmacy	3	3	1
4.4	Biostatistics & Research Methodology	2	-	1
4.5	Biopharmaceutics & Pharmacokinetics	3	3	1
4.6	Clinical Toxicology	2	-	1
	Total hours	15	12	6=33

Fourth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			400 = 1000

CPB/MLA

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Assessment Year 2019-20

**B.Pharmacy, Pharm.D, Pharm.D(PB), M.Pharmacy
Syllabus**

B Pharmacy

Table-I: Course of study for semester I

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I – Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	2
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
Total	32/34^{\$}/36[#]	4		27/29^{\$}/30[#]

[#]Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

^{\$}Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE)

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B. Pharmacy

Table-II: Course of study for semester II

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II – Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology – Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3	-	3
BP206T	Environmental sciences – Theory *	3	-	3
BP207P	Human Anatomy and Physiology II – Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I – Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
Total		32	4	29

*Non University Examination (NUE)



(Approved by AICTE, PCI and Affiliated to Osmania University)

OBALUGA

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B.Pharmacy

Table-III: Course of study for semester III

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering – Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP 308P	Pharmaceutical Engineering –Practical	4	-	2
Total		28	4	24

Table-IV: Course of study for semester IV

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III– Theory	3	1	4
BP402T	Medicinal Chemistry I – Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I – Theory		1	4
BP405T	Pharmacognosy and Phytochemistry I– Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4		2
BP408P	Pharmacology I – Practical	4		✓ 2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4	-	✓ 2
(Approved by AICTE, PCI and Affiliated to Osmania University)		Total	Osmania University	28

CBRNEA

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B. Pharmacy

Table-V: Course of study for semester V

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial PharmacyI- Theory	3	1	4
BP503T	Pharmacology II – Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II- Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	4
BP506P	Industrial PharmacyI – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4	-	2
Total		27	5	26

Table-VI: Course of study for semester VI

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III– Theory	3	1	4
BP602T	Pharmacology III – Theory	3	1	4
BP603T	Herbal Drug Technology – Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3	1	4
BP606T	Quality Assurance –Theory	3	1	4
BP607P	Medicinal chemistry III – Practical	4	-	2
BP608P	Pharmacology III – Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
Total		30	6	30

RAHUL

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OSMANIA UNIVERSITY

Faculty of Pharmacy

SCHEME OF INSTRUCTION, EXAMINATION AND EVALUATION

(Effective for Batches Admitted from 2016 – 17 Academic Year Onwards)

Program Code: 881

B. Pharmacy (Fourth year)

SEMESTER - VII

Course Code	Description	Course Title	Hours/Week			Credits	Marks		Duration of Exam
			L	T	P		Internal	End Exam	
PY.08.881.7.1.T	PS, CORE	Medicinal Chemistry-II	1	0	-	1	30	70	3
PY.08.881.7.2.T	PS, CORE	Pharmaceutical Analysis-II (Instrumental Analysis)	1	0	-	1	30	70	3
PY.08.881.7.3.T	PS, CORE	Dosage Formulation Design	1	0	0	1	30	70	3
PY.08.881.7.4.T	PS, FC	Biopharmaceutics & Pharmacokinetics	3	2	0	3	30	70	3
PY.08.881.7.5.T	HS, FC	Pharmaceutical Business Management	3	0	0	3	30	70	3
PY.08.881.7.6.P	PS, CORE	Medicinal Chemistry-II Practical	0	0	4	2	30	70	1
PY.08.881.7.7.P	PS, CORE	Pharmaceutical Analysis-II (Instrumental Analysis) Practical	0	0	4	2	30	70	1
PY.08.881.7.8.P	PS, CORE	Dosage Formulation Design Practical	0	0	4	2	30	70	1
			18	2	12	24	240	560	

SEMESTER - VIII

Course Code	Description	Course Title	Hours/Week			Credits	Marks		Duration of Exam
			L	T	P		Internal	End Exam	
PY.08.881.8.1.T	PS, CORE	Pharmaceutical Biotechnology	1	0	-	1	30	70	3
PY.08.881.8.2.T	PS, CORE	Pharmacoinformatics	1	0	-	1	30	70	3
PY.08.881.8.3.T	PS, CORE	Cosmetic Technology	1	0	-	1	30	70	3
PY.08.881.8.4.T	PS, FC	Hospital and Clinical Pharmacy	3	0	0	3	30	70	3
PY.08.881.8.5.T	Open elective	cGMP / Community Pharmacy / Clinical Research / Pharmao Vigilance	3	0	0	3	30	70	3
PY.08.881.8.6.P	PS, CORE	Pharmaceutical Biotechnology Practical	0	0	4	2	30	70	1
PY.08.881.8.7.P	PS, CORE	Pharmacoinformatics Practical	0	0	1	2	30	70	1
PY.08.881.8.8.P	PS, CORE	Cosmetic Technology Practical	0	0	1	2	30	70	1
			18	0	12	24	240	560	
PY.08.881.8.8.X	Project/ Seminar	Curricular/ Co-curricular				2	Grade-A/B/C/D/F	Non-CGPA	

Note: Marks are Converted into Grade Points and Total is Calculated for CGPA on a 10 Point Scale

At the end of the program CGPA will be Awarded on a 10 Point Scale basis on Grade on Transcript
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(Signature)
Principal

Pharm.D

First Year :

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
1.1	Human Anatomy and Physiology	3	3	1
1.2	Pharmaceutics	2	3	1
1.3	Medicinal Biochemistry	3	3	1
1.4	Pharmaceutical Organic Chemistry	3	3	1
1.5	Pharmaceutical Inorganic Chemistry	2	3	1
1.6	Remedial Mathematics/ Biology	3	3*	1
	Total hours	16	18	6 = (40)

* For Biology

First Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
1.1	Human Anatomy and Physiology	70	30	100	70	30	100
1.2	Pharmaceutics	70	30	100	70	30	100
1.3	Medicinal Biochemistry	70	30	100	70	30	100
1.4	Pharmaceutical Organic Chemistry	70	30	100	70	30	100
1.5	Pharmaceutical Inorganic Chemistry	70	30	100	70	30	100
1.6	Remedial Mathematics/ Biology	70	30	100	70*	30*	100*
				600			600 = 1200

* for Biology.

CBWKA

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Pharm-D

Second Year:

S.No	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
2.1	Pathophysiology	3	-	1
2.2	Pharmaceutical Microbiology	3	3	1
2.3	Pharmacognosy & Phytopharmaceuticals	3	3	1
2.4	Pharmacology-I	3	-	1
2.5	Community Pharmacy	2	-	1
2.6	Pharmacotherapeutics-I	3	3	1
	Total Hours	17	9	6=32

Second Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30	100	-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy & Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	70	30	100	-	-	-
2.5	Community Pharmacy	70	30	100	-	-	-
2.6	Pharmacotherapeutics-I	70	30	100	70	30	100
				600			300 = 900

Baleka

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Pharm-D

Third Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
3.1	Pharmacology-II	3	3	1
3.2	Pharmaceutical Analysis	3	3	1
3.3	Pharmacotherapeutics-II	3	3	1
3.4	Pharmaceutical Jurisprudence	2	-	-
3.5	Medicinal Chemistry	3	3	1
3.6	Pharmaceutical Formulations	2	3	1
	Total hours	16	15	5=36

Third Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
3.1	Pharmacology-II	70	30	100	70	30	100
3.2	Pharmaceutical Analysis	70	30	100	70	30	100
3.3	Pharmacotherapeutics-II	70	30	100	70	30	100
3.4	Pharmaceutical Jurisprudence	70	30	100	-	-	-
3.5	Medicinal Chemistry	70	30	100	70	30	100
3.6	Pharmaceutical Formulations	70	30	100	70	30	100
				600			500 = 1100


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Pharm.D

Fourth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical/ Hospital Posting	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
4.1	Pharmacotherapeutics-III	3	3	1
4.2	Hospital Pharmacy	2	3	1
4.3	Clinical Pharmacy	3	3	1
4.4	Biostatistics & Research Methodology	2	-	1
4.5	Biopharmaceutics & Pharmacokinetics	3	3	1
4.6	Clinical Toxicology	2	-	1
	Total hours	15	12	6=33

Fourth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			400 = 1000

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Pharm-D

Fifth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Hospital posting*	No. of hours of Seminar
(1)	(2)	(3)	(4)	(5)
5.1	Clinical Research	3	-	1
5.2	Pharmacoepidemiology and Pharmacoeconomics	3	-	1
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	2	-	1
5.4	Clerkship *	-	-	1
5.5	Project work (Six Months)	-	20	-
	Total hours	8	20	4=32

* Attending ward rounds on daily basis.

Fifth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
5.1	Clinical Research	70	30	100	-	-	-
5.2	Pharmacoepidemiology and Pharmacoeconomics	70	30	100	-	-	-
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	70	30	100	-	-	-
5.4	Clerkship *	-	-	-	70	30	100
5.5	Project work (Six Months)	-	-	-	100**	-	100
				300			200 = 500

* Attending ward rounds on daily basis.

** 30 marks – viva-voce (oral)

70 marks – Thesis work

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Table – 5: Course of study for M. Pharm. (Pharmaceutical Analysis)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPA102T	Advanced Pharmaceutical Analysis	4	4	4	100
MPA103T	Pharmaceutical Validation	4	4	4	100
MPA104T	Food Analysis	4	4	4	100
MPA105P	Pharmaceutical Analysis Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPA201T	Advanced Instrumental Analysis	4	4	4	100
MPA202T	Modern Bio-Analytical Techniques	4	4	4	100
MPA203T	Quality Control and Quality Assurance	4	4	4	100
MPA204T	Herbal and Cosmetic Analysis	4	4	4	100
MPA205P	Pharmaceutical Analysis Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

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CP201G

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Table – 2: Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
Semester I					
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affairs	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

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**Table – 12: Course of study for M. Pharm. III Semester
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
MRM 301T	Research Methodology and Biostatistics*	4	4
-	Journal club	1	1
-	Discussion / Presentation (Proposal Presentation)	2	2
-	Research Work	28	14
	Total	35	21

* Non University Exam

**Table – 13: Course of study for M. Pharm. IV Semester
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
-	Journal Club	1	1
-	Research Work	31	16
-	Discussion/Final Presentation	3	3
	Total	35	20

Table – 14: Semester wise credits distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

*Credit Points for Co-curricular Activities



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Pharm.D(PB) I Yr

Fourth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical/ Hospital Posting	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
4.1	Pharmacotherapeutics-III	3	3	1
4.2	Hospital Pharmacy	2	3	1
4.3	Clinical Pharmacy	3	3	1
4.4	Biostatistics & Research Methodology	2	-	1
4.5	Biopharmaceutics & Pharmacokinetics	3	3	1
4.6	Clinical Toxicology	2	-	1
	Total hours	15	12	6=33

Fourth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			400 = 1000



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Fifth Year:

Pharm-D (CPB) II yr

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Hospital posting*	No. of hours of Seminar
(1)	(2)	(3)	(4)	(5)
5.1	Clinical Research	3	-	1
5.2	Pharmacoepidemiology and Pharmacoeconomics	3	-	1
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	2	-	1
5.4	Clerkship *	-	-	1
5.5	Project work (Six Months)	-	20	-
	Total hours	8	20	4=32

* Attending ward rounds on daily basis.

7

Fifth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
5.1	Clinical Research	70	30	100	-	-	-
5.2	Pharmacoepidemiology and Pharmacoeconomics	70	30	100	-	-	-
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	70	30	100	-	-	-
5.4	Clerkship *	-	-	-	70	30	100
5.5	Project work (Six Months)	-	-	-	100**	-	100
				300			200 = 500

* Attending ward rounds on daily basis.

** 30 marks – viva-voce (oral)

70 marks – Thesis work

CBQ10KA
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Assessment Year 2020-21

**B.Pharmacy, Pharm.D, Pharm.D(PB), M.Pharmacy
Syllabus**

B. Pharmacy

Table-I: Course of study for semester I

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I – Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	2
BP107P	Human Anatomy and Physiology – Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry – Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112RBP	Remedial Biology – Practical*	2	-	1
Total	32/34^S/36[#]	4		27/29^S/30[#]

["]Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course.

^{\$}Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE)

Abdullah

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B. Pharmacy

Table-II: Course of study for semester II

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II – Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology – Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3	-	3
BP206T	Environmental sciences – Theory *	3	-	3
BP207P	Human Anatomy and Physiology II – Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I – Practical	4	-	2
BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
Total		32	4	29

*Non University Examination (NUE)



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CRANDA

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B. Pharmacy

Table-III: Course of study for semester III

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering – Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP308P	Pharmaceutical Engineering – Practical	4	-	2
Total		28	4	24

Table-IV: Course of study for semester IV

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III – Theory	3	1	4
BP402T	Medicinal Chemistry I – Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I – Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I – Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4		2
BP408P	Pharmacology I – Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4	-	2
Total		31	5	28

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B. Pharmacy

Table-V: Course of study for semester V

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial PharmacyI– Theory	3	1	4
BP503T	Pharmacology II – Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II– Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	4
BP506P	Industrial PharmacyI – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4	-	2
Total		27	5	26

Table-VI: Course of study for semester VI

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III – Theory	3	1	4
BP602T	Pharmacology III – Theory	3	1	4
BP603T	Herbal Drug Technology – Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics – Theory	3	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3	1	4
BP606T	Quality Assurance –Theory	3	1	4
BP607P	Medicinal chemistry III – Practical	4	-	2
BP608P	Pharmacology III – Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
Total		30	6	30

L. Balaji

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B.Pharmacy

Table-VII: Course of study for semester VII

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP701T	Instrumental Methods of Analysis – Theory	3	1	4
BP702T	Industrial PharmacyII – Theory	3	1	4
BP703T	Pharmacy Practice – Theory	3	1	4
BP704T	Novel Drug Delivery System – Theory	3	1	4
BP705P	Instrumental Methods of Analysis – Practical	4	-	2
BP706PS	Practice School*	12	-	6
Total		28	5	24

* Non University Examination (NUE)

Table-VIII: Course of study for semester VIII

Course code	Name of the course	No. of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3	1	4
BP803ET	Pharma Marketing Management			
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardization of Herbals	3 + 3 = 6	1 + 1 = 2	4 + 4 = 8
BP807ET	Computer Aided Drug Design			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812ET	Dietary Supplements and Nutraceuticals			
BP813PW	Project Work	12	-	6
Total		24	4	22

(Signature)

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Pharm-D

First Year :

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
1.1	Human Anatomy and Physiology	3	3	1
1.2	Pharmaceutics	2	3	1
1.3	Medicinal Biochemistry	3	3	1
1.4	Pharmaceutical Organic Chemistry	3	3	1
1.5	Pharmaceutical Inorganic Chemistry	2	3	1
1.6	Remedial Mathematics/ Biology	3	3*	1
	Total hours	16	18	6 = (40)

* For Biology

First Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
1.1	Human Anatomy and Physiology	70	30	100	70	30	100
1.2	Pharmaceutics	70	30	100	70	30	100
1.3	Medicinal Biochemistry	70	30	100	70	30	100
1.4	Pharmaceutical Organic Chemistry	70	30	100	70	30	100
1.5	Pharmaceutical Inorganic Chemistry	70	30	100	70	30	100
1.6	Remedial Mathematics/ Biology	70	30	100	70*	30*	100*
				600			600 = 1200

* for Biology.


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Dhanan D

Second Year:

S.No	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
2.1	Pathophysiology	3	-	1
2.2	Pharmaceutical Microbiology	3	3	1
2.3	Pharmacognosy & Phytopharmaceuticals	3	3	1
2.4	Pharmacology-I	3	-	1
2.5	Community Pharmacy	2	-	1
2.6	Pharmacotherapeutics-I	3	3	1
	Total Hours	17	9	6=32

Second Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
2.1	Pathophysiology	70	30	100	-	-	-
2.2	Pharmaceutical Microbiology	70	30	100	70	30	100
2.3	Pharmacognosy & Phytopharmaceuticals	70	30	100	70	30	100
2.4	Pharmacology-I	70	30	100	-	-	-
2.5	Community Pharmacy	70	30	100	-	-	-
2.6	Pharmacotherapeutics-I	70	30	100	70	30	100
				600			300 = 900

Croak

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Pharm.D

Third Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
3.1	Pharmacology-II	3	3	1
3.2	Pharmaceutical Analysis	3	3	1
3.3	Pharmacotherapeutics-II	3	3	1
3.4	Pharmaceutical Jurisprudence	2	-	-
3.5	Medicinal Chemistry	3	3	1
3.6	Pharmaceutical Formulations	2	3	1
	Total hours	16	15	5=36

Third Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
3.1	Pharmacology-II	70	30	100	70	30	100
3.2	Pharmaceutical Analysis	70	30	100	70	30	100
3.3	Pharmacotherapeutics-II	70	30	100	70	30	100
3.4	Pharmaceutical Jurisprudence	70	30	100	-	-	-
3.5	Medicinal Chemistry	70	30	100	70	30	100
3.6	Pharmaceutical Formulations	70	30	100	70	30	100
				600			500 = 1100

PSCP

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Pharm.D

Fourth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical/ Hospital Posting	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
4.1	Pharmacotherapeutics-III	3	3	1
4.2	Hospital Pharmacy	2	3	1
4.3	Clinical Pharmacy	3	3	1
4.4	Biostatistics & Research Methodology	2	-	1
4.5	Biopharmaceutics & Pharmacokinetics	3	3	1
4.6	Clinical Toxicology	2	-	1
	Total hours	15	12	6=33

Fourth Year examination :

S.No.	Name of Subject	(Approved by MCI) Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			400 = 1000

B. Balakumar
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Pharm.D

Fifth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Hospital posting*	No. of hours of Seminar
(1)	(2)	(3)	(4)	(5)
5.1	Clinical Research	3	-	1
5.2	Pharmacoepidemiology and Pharmacoeconomics	3	-	1
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	2	-	1
5.4	Clerkship *	-	-	1
5.5	Project work (Six Months)	-	20	-
	Total hours	8	20	4=32

* Attending ward rounds on daily basis.

Fifth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
5.1	Clinical Research	70	30	100	-	-	-
5.2	Pharmacoepidemiology and Pharmacoeconomics	70	30	100	-	-	-
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	70	30	100	-	-	-
5.4	Clerkship *	-	-	-	70	30	100
5.5	Project work (Six Months)	-	-	-	100**	-	100
				300			200 = 500

* Attending ward rounds on daily basis.

** 30 marks – viva-voce (oral)

70 marks – Thesis work

(Rahela)

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Pharm.D

Sixth Year:

Internship or residency training including postings in speciality units. Student should independently provide the clinical pharmacy services to the allotted wards.

- (i) Six months in General Medicine department, and
- (ii) Two months each in three other speciality departments

Pradeep

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Table – 5: Course of study for M. Pharm. (Pharmaceutical Analysis)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPA101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPA102T	Advanced Pharmaceutical Analysis	4	4	4	100
MPA103T	Pharmaceutical Validation	4	4	4	100
MPA104T	Food Analysis	4	4	4	100
MPA105P	Pharmaceutical Analysis Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPA201T	Advanced Instrumental Analysis	4	4	4	100
MPA202T	Modern Bio-Analytical Techniques	4	4	4	100
MPA203T	Quality Control and Quality Assurance	4	4	4	100
MPA204T	Herbal and Cosmetic Analysis	4	4	4	100
MPA205P	Pharmaceutical Analysis Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

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Table – 2: Course of study for M. Pharm. (Pharmaceutics)

Course Code	Course	Credit Hours	Credit Points	Hrs./w k	Marks
Semester I					
MPH101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPH102T	Drug Delivery System	4	4	4	100
MPH103T	Modern Pharmaceutics	4	4	4	100
MPH104T	Regulatory Affair	4	4	4	100
MPH105P	Pharmaceutics Practical I	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650
Semester II					
MPH201T	Molecular Pharmaceutics (Nano Tech and Targeted DDS)	4	4	4	100
MPH202T	Advanced Biopharmaceutics & Pharmacokinetics	4	4	4	100
MPH203T	Computer Aided Drug Delivery System	4	4	4	100
MPH204T	Cosmetic and Cosmeceuticals	4	4	4	100
MPH205P	Pharmaceutics Practical II	12	6	12	150
	Seminar/Assignment	7	4	7	100
	Total	35	26	35	650

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Rahela

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**Table – 12: Course of study for M. Pharm. III Semester
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
MRM 301T	Research Methodology and Biostatistics*	4	4
-	Journal club	1	1
-	Discussion / Presentation (Proposal Presentation)	2	2
-	Research Work	28	14
	Total	35	21

* Non University Exam

**'Table – 13: Course of study for M. Pharm. IV Semester
(Common for All Specializations)**

Course Code	Course	Credit Hours	Credit Points
-	Journal Club	1	1
-	Research Work	31	16
-	Discussion/Final Presentation	3	3
	Total	35	20

Table – 14: Semester wise credits distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

*Credit Points for Co-curricular Activities

(Signature)

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Pharm.D (PB) - I Year

Fourth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Practical/Hospital Posting	No. of hours of Tutorial
(1)	(2)	(3)	(4)	(5)
4.1	Pharmacotherapeutics-III	3	3	1
4.2	Hospital Pharmacy	2	3	1
4.3	Clinical Pharmacy	3	3	1
4.4	Biostatistics & Research Methodology	2	-	1
4.5	Biopharmaceutics & Pharmacokinetics	3	3	1
4.6	Clinical Toxicology	2	-	1
	Total hours	15	12	6=33

Fourth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
4.1	Pharmacotherapeutics-III	70	30	100	70	30	100
4.2	Hospital Pharmacy	70	30	100	70	30	100
4.3	Clinical Pharmacy	70	30	100	70	30	100
4.4	Biostatistics & Research Methodology	70	30	100	-	-	-
4.5	Biopharmaceutics & Pharmacokinetics	70	30	100	70	30	100
4.6	Clinical Toxicology	70	30	100	-	-	-
				600			400 = 1000

Chandru

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Pharm. D (PB) B year

Fifth Year:

S.No.	Name of Subject	No. of hours of Theory	No. of hours of Hospital posting*	No. of hours of Seminar
(1)	(2)	(3)	(4)	(5)
5.1	Clinical Research	3	-	1
5.2	Pharmacoepidemiology and Pharmacoeconomics	3	-	1
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	2	-	1
5.4	Clerkship *	-	-	1
5.5	Project work (Six Months)	-	20	-
	Total hours	8	20	4=32

* Attending ward rounds on daily basis.

Fifth Year examination :

S.No.	Name of Subject	Maximum marks for Theory			Maximum marks for Practicals		
		Examination	Sessional	Total	Examination	Sessional	Total
5.1	Clinical Research	70	30	100	-	-	-
5.2	Pharmacoepidemiology and Pharmacoeconomics	70	30	100	-	-	-
5.3	Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring	70	30	100	-	-	-
5.4	Clerkship *	-	-	-	70	30	100
5.5	Project work (Six Months)	-	-	-	100**	-	100
				300			200 = 500

* Attending ward rounds on daily basis.

** 30 marks – viva-voce (oral)

70 marks – Thesis work

UPAsha

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Pharm.D (PB) - II Year

Sixth Year:

Internship or residency training including postings in speciality units. Student should independently provide the clinical pharmacy services to the allotted wards.

- (i) Six months in General Medicine department, and
- (ii) Two months each in three other speciality departments

CBWKG

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