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Website: www.geethanjaliinstitutions.com

Geethanjali College of Pharmacy

Approved By AICTE, PCI New Delhi, Permanently Affiliated to JNTUH & Accredited by NBA (B. Pharmacy)
Recognized Under UGC Section 2F & 12B of UGC Act, 1956, by DSIR-SIRO & HI/BI of MSME Certified by ISO 9001:2015
Cheeryal (V), Keesara (M), Medchal-Malkajgiri District, Telangana State - 501 301.

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S. No.	List of Documents
1.	JNTUH, Hyderabad (Affiliating University) prescribed structure of the program
	for B.Pharmacy, Pharm.D, Pharm.D (PB), M.Pharm (Pharmaceutics), M.Pharm
	(Pharmaceutical Analysis), M.Pharm (Pharmaceutical Regularory Affairs)
	indicating courses, credits/Electives for the Academic Year 2020-21.
2.	A copy of "circular of programs" in which CBCS/Elective course system
	implemented in the last completed academic year certified by the competent
	authority, Chairman, BOS Pharmacy, JNTUH, Hyderabad for Academic Year
	2020-21.
3.	Institution circular copies for implementation CBCS/Elective course system in
	the last Academic Year 2020-21.



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Geethanjali College of Pharmacy
Cheeryal(V), Keesara(M), Medchal Dist. T.S.-501301.

Sponsored by: TEJA EDUCATIONAL SOCIETY, HYDERABAD.

Office: Sy. No. 33 & 34, Cheeryal (V), Keesara (M), Medchal-Malkajgiri (District), Telangana State - 501 301.

Mobile: 9866308259

B. PHARMACY I YEAR COURSE STRUCTURE AND SYLLABUS

Effective from Academic Year 2017-18 Admitted Batch

I Year I semester

S.	Course Code	Subject	L	Т	Р	Credits
No		•	-			o. out.o
1	PS101	Human Anatomy and Physiology I	3	1	-	4
2	PS102	Pharmaceutical Analysis I	3	1	-	4
3	PS103	Pharmaceutics I	3	1	-	4
4	PS104	Pharmaceutical Inorganic Chemistry-I	3	1	-	4
5	HS105	Communication skills	2	-		2
6	BS106/BS107	Remedial Biology / Remedial Mathematics	2	-	-À	2
7	PS108	Human Anatomy and Physiology-I lab	- 1		4	2
8	PS109	Pharmaceutical Analysis-I lab	-	k - 1	4	2
9	PS110	Pharmaceutics I lab	(1	4	2
10	PS111	Pharmaceutical Inorganic Chemistry-I lab	91		. 4	2
11	HS112	Communication skills lab	10 VI	-	2	1
12	BS113	Remedial Biology lab	- B	-	2	1
		Total	16	4	20	30 [#] /29 ^{\$}

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

I Year II semester

S. No	Course Code	Subject	L	Т	Р	Credits
1	PS201	Human Anatomy and Physiology II	3	1	-	4
2	PS202	Pharmaceutical Organic Chemistry I	3	1	-	4
3	BS203	Biochemistry	3	1	-	4
4	BS204	Pathophysiology	3	1	-	4
5	CS205	Computer Applications in Pharmacy	3	-	-	3
6	BS206	Environmental Sciences	3	-	-	3
7	PS207	Human Anatomy and Physiology II lab	-	-	4	2
8	PS208	Pharmaceutical Organic Chemistry I lab	-	-	4	2
9	BS209	Biochemistry lab	-	-	4	2
10	CS210	Computer Applications in Pharmacy lab	_	-	2	1
11	*MC200	NSS	-	_	-	_
		Total	18	4	14	29

^{*}MC - Mandatory Course - Satisfactory/ Unsatisfactory.

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[Type text]

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

B. PHARMACY II YEAR SYLLABUS (R17)

Effective from Academic Year 2017-18 Admitted Batch

II YEAR I SEMESTER

S. No	Course Code	Course Title	L	Т	P	Credits
1	PS301	Pharmaceutical Organic Chemistry-II	3	1	0	4
2	PS302	Physical Pharmaceutics-I	3	1	0	4
3	BS303	Pharmaceutical Microbiology	3	1	0	4
4	PC304	Pharmaceutical Engineering	3	1	0	4
5	PS305	Pharmaceutical Organic Chemistry-II Lab	0	0	4	2
6	PS306	Physical Pharmaceutics-I Lab	0	0	4	2
7	BS307	Pharmaceutical Microbiology Lab	0	0	4	2
8	PC308	Pharmaceutical Engineering Lab	0	0	4	2
9	*MC300	NSO	0	0	0	0
		Total Credits	12	04	17	24

II YEAR II SEMESTER

S. No	Course Code	Course Title	L	T	P	Credits
1	PS401	Pharmaceutical Organic Chemistry-III	3	1	0	4
2	PC402	Medicinal Chemistry-I	3	1	0	4
3	PS403	Physical Pharmaceutics-II	3	1	0	4
4	PC404	Pharmacology-I	3	1	0	4
5	PC405	Pharmacognosy and Phytochemistry-I	3	1	0	4
6	PC406	Medicinal Chemistry-I Lab	0	0	4	2
7	PS407	Physical Pharmaceutics-II Lab	0	0	4	2
8	PC408	Pharmacology-I Lab	0	0	4	2
9	PC409	Pharmacognosy and Phytochemistry-I Lab	0	0	4	2
10	*MC400	Gender Sensitization Lab	1	0	0	0
		Total Credits	16	05	16	28

 ${\bf *MC\text{-}Satisfactory/Dissatisfactory}$

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B. PHARMACY III YEAR COURSE STRUCTURE AND SYLLABUS

Effective from Academic Year 2017-18 Admitted Batch

III Year I Semester

S. No.	Course Code	Course Title	L	Т	Р	Credits
1	PS501	Medicinal Chemistry II	3	1	0	4
2	PS502	Industrial Pharmacy - I	3	1	0	4
3	PS503	Pharmacology II	3	1	0	4
4	PS504	Pharmacognosy and Phytochemistry - II	3	1	0	4
5	PS505 PS506 PS507 PS508	Open Elective - I I. Generic Product Development II. Green Chemistry III. Cell and Molecular Biology IV. Cosmetic science	3	1	0	4
6	PS509	Industrial Pharmacy lab	0	0	4	2
7	PS510	Pharmacology - II lab	0	0	4	2
8	PS511	Pharmacognosy and Phytochemistry - II lab	0	0	4	2
9	*MC500	Environmental sciences	1	0	0	0
		Total	16	05	12	26

III Year II Semester

S. No.	Course Code	Course Title	L	Т	Р	Credits
1	PS601	Medicinal Chemistry - III	3	1	0	4
2	PS602	Pharmacology - III	3	1	0	4
3	PS603	Herbal Drug Technology	3	1	0	4
4	PS604	Biopharmaceutics and Pharmacokinetics	3	1	0	4
5	PS605 PS606 PS607 PS608	Open Elective - II I. Pharmaceutical Quality Assurance II. Pharmaceutical Biotechnology III. Bioinformatics IV. Screening Methods in Pharmacology	3	1	0	4
6	PS609	Medicinal chemistry - III lab	0	0	4	2
7	PS610	Pharmacology - III lab	0	0	4	2
8	PS611	Herbal Drug Technology lab	0	0	4	2
9	*MC600	Human Values and Professional Ethics	1	0	0	0
		Total	16	05	12	26

College of Pharmac.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B. PHARMACY IV YEAR COURSE STRUCTURE AND SYLLABUS

Effective from Academic Year 2017-18 Admitted Batch

IV Year I Semester

S.No	Course Code	Course Title	L	Т	Р	Credits
1	PS701	Instrumental Methods of Analysis	3	1	0	4
2	PS702	Industrial Pharmacy-II	3	1	0	4
3	PS703	Pharmacy Practice	3	1	0	4
4	PS704	Novel Drug Delivery Systems	3	1	0	4
5	PS705 PS706 PS707 PS708	Open Elective - III i. Pharmaceutical Marketing ii. Pharmaceutical Regulatory Science iii. Pharmacovigilance iv. Quality Control and Standardization of Herbals	3	1	0	4
6	PS709	Instrumental Methods of Analysis Lab	0	0	4	2
7	PS710	Practice School	0	0	4	2
8	PS711	Industrial Training	0	0	2	1
		Total	15	5	10	25

IV Year II Semester

S.No	Course Code	Course Title	L	Т	P	Credits
1	PS801	Biostatistics and Research Methodology	3	1	0	4
2	PS802	Social and Preventive Pharmacy	3	1	0	4
3	PS803	Pharmaceutical Jurisprudence	3	0	0	3
4		Open Elective - IV	3	1	0	4
	PS804	 Computer Aided Drug Design 		•		-
	PS805	ii. Nano Technology				
	PS806	iii. Experimental Pharmacology				
	PS807	iv. Advanced Instrumentation Techniques				
5	PS808	Project Work	0	0	6	3
		Total	12	3	6	18



M.PHARMACY (PHARMACEUTICS / PHARMACEUTICAL TECHNOLOGY)

COURSE STRUCTURE AND SYLLABUS Effective from Academic Year 2019-20 Admitted Batch

I YEAR I Semester

Course Code	Course Title	L	Т	Р	Credits
Professional	Modern Pharmaceutics-I	3	0	0	3
Core-I					5
Professional	Applied Biopharmaceutics and Pharmacokinetics	3	0	0	3
Core-II	, and a second s				3
Professional Elective-I	 Advanced Physical Pharmaceutics Drug Regulatory affairs Total Quality Management 	3	0	0	3
Professional Elective-II	 Cosmetics and Cosmeceuticals Pharmaceutical Validation Stability of Drugs and Dosage Forms 	3	0	- 0	3
	Research methodology and IPR	2	0	0	2
Laboratory- I	Modern Pharmaceutics – I Lab	0	0	4	2
Laboratory- II	Applied Biopharmaceutics and Pharmacokinetics Lab	0	0	4	2
Audit - I	Audit Course - I	2	0	0	0
	TOTAL	16	0	8	18

I YEAR II Semester

Course Code	Course Title	TL	Т	Р	Credits
Professional Core-III	Modern Pharmaceutics - II	3	0	0	3
Professional Core-IV	Advanced Drug Delivery Systems	3	0	0	3
Professional Elective-III	 Industrial Pharmacy Herbal Cosmetics Pharmaceutical Management 	3	0	0	3
Professional Plective-IV	 Nano based Drug Delivery Systems Nutraceuticals Clinical Research and Pharmacovigilance 	3	0	0	3
Laboratory- III	Modern Pharmaceutics – II Lab	0	0	4	2
Laboratory- IV	Advanced Drug Delivery System Lab	0	0	4	2
	Mini Project with Seminar	2	0	0	2
Audit - II	Audit Course - II	2	0	0	0
	TOTAL	16	0	8	18

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II YEAR I Semester

Course Code	Course Title	L	Т	Р	Credits
Professional Elective-V	 Biostatistics Scale up and Technology Transfer Production area, Design and Packaging Development 	3	0	0	3
Open Elective	Open Elective	3	0	0	3
Dissertation	Dissertation Work Review - II	0	0	12	6
	TOTAL	6	0	12	12

II YEAR II Semester

Course Code	Course Title	L	Т	Р	Credits
Dissertation	Dissertation Work Review - III	0	0	12	6
Dissertation	Dissertation Viva-Voce	0	0	28	14
	TOTAL	0	0	40	20

^{*}For Dissertation Work Review - I, Please refer 7.8 in R19 Academic Regulations.

Audit Courses I & II:

- 1. English for Research Paper Writing
- 2. Disaster Management
- 3. Sanskrit for Technological Learning
- 4. Value Education
- 5. Constitution of India
- 6. Pedagogy Studies
- 7. Stress Management by Yoga
- 8. Personality Development through Life Enlightenment Skills



M.PHARMACY (PHARMACEUTICAL ANALYSIS)

R19 COURSE STRUCTURE AND SYLLABUS Effective from Academic Year 2019-20 Admitted Batch

I YEAR I Semester

Course Code	Course Title	L	Т	Р	Credits
Professional	Modern Pharmaceutical Analytical Techniques	3	0	0	3
Core-I					
Professional	Pharmaceutical and Food Analysis	3	0	0	3
Core-II					
Professional	1. Advanced Pharmaceutical Analysis	3	0	0	3
Elective-I	2. Drug Regulatory Affairs				
LICCUVE-I	3. Phytochemistry				
Professional	Quality control and Quality Assurance	3	0	0	3
Elective-II	Cosmetics and Cosmeceuticals				
LIGOTIVE-II	3. Stability of Drugs and Dosage forms				
	Research Methodology & IPR	2	0	0	2
Laboratory-I	Modern Pharmaceutical Analytical Techniques lab	0	0	4	2
Laboratory-II	Pharmaceutical and food Analysis Lab	0	0	4	2
Audit - II	Audit course - I	2	0	0	0
	TOTAL	16	0	8	18

I YEAR II Semester

Course Code	Course Title	L	Т	Р	Credits
Professional	Advanced Instrumental Analysis I	3	0	0	3
Core-III					
Professional	Modern Bio-analytical Techniques	3	0	0	3
Core-IV					
Professional	Pharmaceutical Validation	3	0	0	3
Elective-III	2. Herbal Cosmetics				
LICCUVE-III	3. Pharmacoepidemology and Pharmacoeconomics				
Professional	Advanced Instrumental Analysis - II	3	0	0	3
Elective-IV	2. Nutraceuticals				
Liective-IV	3. Clinical Research and Pharmacovigilance				
Laboratory-III	Advanced Instrumental Analysis I Lab	0	0	4	2
Laboratory-IV	Modern Bio analytical Techniques Lab	0	0	4	2
	Mini Project with Seminar	2	0	0	2
Audit - II	Audit Course - II	2	0	0	0
	TOTAL	16	0	8	18

II YEAR I Semester

Course Code	Course Title	L	Т	Р	Credits
Professional Elective-V	 Biostatistics Scale up and Technology Transfer Production Area Design and Packaging Development 	3	0	0	3
Open Elective	Open Elective	3	0	0	3
Dissertation	Dissertation Work Review - II	0	0	12	6
	Total	6	0	12	12

II YEAR II SEMESTER

Course Code	Course Title	L	Т	Р	Credits
Dissertation	Dissertation Work Review - III	0	0	12	6
Dissertation	Dissertation Viva-Voce	0	0	28	14
	Total	0	0	40	20

^{*}For Dissertation Work Review - I, Please refer 7.8 in R19 Academic Regulations.

Audit Courses I & II:

- 1. English for Research Paper Writing
- 2. Disaster Management
- 3. Sanskrit for Technological Learning
- 4. Value Education
- 5. Constitution of India
- 6. Pedagogy Studies
- 7. Stress Management by Yoga
- 8. Personality Development through Life Enlightenment Skills

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M.PHARMACY (PHARMACEUTICAL REGULATORY AFFAIRS)

R19 COURSE STRUCTURE AND SYLLABUS Effective from Academic Year 2019-20 Admitted Batch

I YEAR I Semester

Course Code	Course Title	L	T	Р	Credits
Professional Core-I	Good Regulatory Practice	3	0	0	3
Professional Core-II	Drug Regulatory Affairs	3	0	0	3
Professional	Intellectual Property Rights	3	0	0	3
Elective-I	2. Total Quality Management3. Pharmaceutical Validation				
Professional	 Stability of Drugs and Dosage forms 	3	0	0	3
Elective-II	2. Pharmaceutical Formulation Technology				
	Documentation and Regulatory Writing				
	Research methodology and IPR	2	0	0	2
Laboratory- I	Regulatory Practice and Documentation Lab	0	0	4	2
Laboratory- II	Drug Regulation and Registration Lab	0	0	4	2
Audit - I	Audit Course - I	2	0	0	0
	Total	16	0	8	18

I YEAR II Semester

Course Code	Course Title	L	Т	Р	Credits
Professional Core-III	Regulatory aspects of medical devices	3	0	0	3
Professional Core-IV	Regulatory aspects of herbals and biologicals	3	0	0	3
Professional Elective-III	 Regulatory aspects of food and Nutraceuticals Biostatistics and Research Methodology Nano based Drug delivery systems 	3	0	0	3
Professional Elective-IV	 Clinical research and Pharmacovigilance Nutraceuticals Advanced Drug Delivery Systems 	3	0	0	3
Laboratory- III	Regulatory aspects of herbals and biologicals Lab	0	0	4	2
Laboratory- IV	Regulatory aspects of medical devices Lab	0	0	4	2
	Mini Project with Seminar	2	0	0	2
Audit - II	Audit Course - II	2	0	0	0
	Total	16	0	8	18

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II YEAR I Semester

Course Code	Course Title	L	Т	Р	Credits
Professional	 Analytical Method validation 	3	0	0	3
Elective-V	2. Pharmaceutical Industry Management3. Pharmaceutical Production technology				
Open Elective	Open Elective	3	0	0	3
Dissertation	Dissertation Work Review - II	0	0	12	6
	Total	6	0	12	12

II YEAR II SEMESTER

Course Code	Course Title	L	Т	Р	Credits
Dissertation	Dissertation Work Review - III	0	0	12	6
Dissertation	Dissertation Viva-Voce	0	0	28	14
	Total	0	0	40	20

^{*}For Dissertation Work Review - I, Please refer 7.8 in R19 Academic Regulations.

Audit Courses I & II:

- 1. English for Research Paper Writing
- 2. Disaster Management
- 3. Sanskrit for Technological Learning
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Date: 22/03/2021

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All the students of B. Pharmacy III year-II Sem of R17 regulation (Batch: 2018-22) are hereby instructed to choose any one open elective (OE-2) from four elective subjects (1. Pharmaceutical Quality Assurance (PS-605), 2. Pharmaceutical Biotechnology (PS-606), 3. Bioinformatics (PS-607), 4. Screening Methods in Pharmacology (PS-608)) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 02/03/2021

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All the students of B. Pharmacy IV year-II Sem of R17 regulation (Batch: 2017-21) are hereby instructed to choose any one open elective (OE-4) from four elective subjects (1. Computer Aided Drug Design (PS-804), 2. Nanotechnology (PS-805), 3. Experimental Pharmacology (PS-806), 4. Advanced Instrumentation Techniques (PS-807)) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 16/12/2020

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All the students of M. Pharmacy (Pharmaceutics) I year-I Sem of R19 regulation (Batch: 2020-22) are hereby instructed to choose any one elective from Professional Elective-I (1. Advanced Physical Pharmaceutics 2. Drug Regulatory Affairs 3. Total Quality Management) and Professional Elective-II (1. Cosmetics and Cosmeceuticals 2. Pharmaceutical Validation 3. Stability of Drugs and Dosage Forms) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 16/12/2020

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All the students of M. Pharmacy (Pharmaceutical Regulatory Affairs) I year-I Sem of R19 regulation (Batch: 2020-22) are hereby instructed to choose any one elective from Professional Elective-I (1. Intellectual Property Rights 2. Total Quality Management 3. Pharmaceutical Validation) and Professional Elective-II (1. Stability of Drugs and Dosage Forms 2. Pharmaceutical Formulation Technology 3. Documentation and Regulatory Writing) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 16/12/2020

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All the students of M. Pharmacy (Pharmaceutical Analysis) I year-I Sem of R19 regulation (Batch: 2020-22) are hereby instructed to choose any one elective from Professional Elective-I (1. Advanced Pharmaceutical Analysis 2. Drug Regulatory Affairs 3. Phytochemistry) and Professional Elective-II (1. Quality Control and Quality Assurance 2. Cosmetics and Cosmeceuticals 3. Stability of Drugs and Dosage Forms) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301

Date: 17/05/2021

OFFICE OF THE PRINCIPAL

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All the students of M. Pharmacy (Pharmaceutics) I year-II Sem of R19 regulation (Batch: 2020-22) are hereby instructed to choose any one elective from Professional Elective-III (1. Industrial Pharmacy 2. Herbal Pharmaceutics 3. Pharmaceutical Management and Professional Elective-IV (1. Nano Based Drug Delivery Systems 2. Nutraceuticals 3. Clinical Research and Pharmacovigilance given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 17/05/2021

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All the students of M. Pharmacy (Pharmaceutical Regulatory Affairs) I year-II Sem of R19 regulation (Batch: 2020-22) are hereby instructed to choose any one elective from Professional Elective-III (1. Regulatory Aspects of Food and Nutraceuticals 2. Biostatistics and Research Methodology 3. Nano based Drug Delivery Systems) and Professional Elective-IV (1. Clinical Research and Pharmacovigilance 2. Nutraceuticals 3. Advanced Drug Delivery Systems) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 17/05/2021

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All the students of M. Pharmacy (Pharmaceutical Analysis) I year-II Sem of R19 regulation (Batch: 2020-22) are hereby instructed to choose any one elective from Professional Elective-III (1. Pharmaceutical Validation 2. Herbal Cosmetics 3. Pharmacoepidemology and Pharmacoeconomics) and Professional Elective-IV (1. Advanced Instrumental Analysis-II 2. Nutraceuticals 3. Clinical Research and Pharmacovigilance) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 06/07/2020

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All the students of M. Pharmacy (Pharmaceutics) II year-I Sem of R19 regulation (Batch: 2019-21) are hereby instructed to choose any one elective from Professional Elective-V (1. Biostatistics 2. Scale up and Technology Transfer 3. Producting area, Design and Packaging Development given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 06/07/2020

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All the students of M. Pharmacy (Pharmaceutical Regulatory Affairs) II year-I Sem of R19 regulation (Batch: 2019-21) are hereby instructed to choose any one elective from Professional Elective-V (1. Analytical Method Validation 2. Pharmaceutical Industry Management 3. Pharmaceutical Production Technology) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 06/07/2020

OFFICE OF THE PRINCIPAL

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All the students of M. Pharmacy (Pharmaceutical Analysis) II year-I Sem of R19 regulation (Batch: 2019-21) are hereby instructed to choose any one elective from Professional Elective-V (1. Biostatistics 2. Scale up and Technology Transfer 3. Production Area Design and Packaging Development) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Geethanjali Gollege of Pharmacy
Cheeryal(V), Keesara(M), Medichal Dist. T.S., 19, 192

Approved by AICTE, PCI New Delhi, Permanently Affiliated to JNTUH & B. Pharmacy Accredited by NBA Recognized Under UGC Section 2F & 12B of UGC Act, 1956, by DSIR-SIRO & HI/BI of MSME, Cheeryal (V), Keesara (M), Medchal-Malkajgiri Dist., Telangana State- 501301

Date: 01/09/2020

OFFICE OF THE PRINCIPAL

CIRCULAR

All the students of B. Pharmacy III year-I Semester of R17 regulation (Batch:2018-22) are hereby instructed to choose any one open elective (OE-1) from four elective subjects (1. Generic Product development (PS-505), 2. Green Chemistry (PS-506), 3. Cell and Molecular Biology (PS-507), 4. Cosmetic Science (PS-508)) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.

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Date: 01/09/2020

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CIRCULAR

All the students of B. Pharmacy IV year-I Sem of R17 regulation (Batch: 2017-21) are hereby instructed to choose any one open elective (OE-3) from four elective subjects (1. Pharmaceutical Marketing (PS-705), 2. Pharmaceutical Regulatory Science (PS-706), 3. Pharmacovigilance (PS-707), 4. Quality Control and Standardization of Herbals (PS-708)) given in the syllabus. The open elective subject chosen by more than 70% of the students will be registered with JNTUH.