

ACY 2020-2021

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

ACADEMIC CALENDAR 2020-21

For All Constituent & Affiliated Colleges of JNTUH

B. Tech./B.Pharm. I Year I & II Semesters

(Online Classes)

B. Tech./B.Pharm. I Year - I Semester

| S. No | Description | Duration | |
|-------|---|------------|----------------------|
| | | From | To |
| 1 | Commencement of I Semester classwork / Orientation Programme | | 01.12.2020 |
| 2 | 1 st Spell of Instructions | 01.12.2020 | 23.01.2021 (8 Weeks) |
| 3 | First Mid Term Examinations | 25.01.2021 | 30.01.2021 (1 Week) |
| 4 | Submission of First Mid Term Exam Marks to the University on or before | | 06.02.2021 |
| 5 | Parent-Teacher Meeting | | 12.02.2021 |
| 6 | 2 nd Spell of Instructions | 01.02.2021 | 27.03.2021 (8 Weeks) |
| 7 | Second Mid Term Examinations (including public holidays) | 29.03.2021 | 06.04.2021 (1 Week) |
| 8 | Preparation Holidays and Practical Examinations | 07.04.2021 | 12.04.2021 (1 Week) |
| 9 | Submission of Second Mid Term Exam Marks to the University on or before | | 12.04.2021 |
| 10 | End Semester Examinations | 15.04.2021 | 29.04.2021 (2 Weeks) |

B. Tech./ B.Pharm. I Year - II Semester

| S. No | Description | Duration | |
|-------|---|------------|----------------------|
| | | From | To |
| 1 | Commencement of II Semester classwork | | 30.04.2021 |
| 2 | 1 st Spell of Instructions | 30.04.2021 | 24.06.2021 (8 Weeks) |
| 3 | First Mid Term Examinations | 25.06.2021 | 30.06.2021 (1 Week) |
| 4 | Submission of First Mid Term Exam Marks to the University on or before | | 05.07.2021 |
| 5 | Parent-Teacher Meeting | | 09.07.2021 |
| 6 | 2 nd Spell of Instructions | 01.07.2021 | 25.08.2021 (8 Weeks) |
| 7 | Second Mid Term Examinations | 26.08.2021 | 01.09.2021 (1 Week) |
| 8 | Preparation Holidays and Practical Examinations | 02.09.2021 | 08.09.2021 (1 Week) |
| 9 | Submission of Second Mid Term Exam Marks to the University on or before | | 08.09.2021 |
| 10 | End Semester Examinations | 09.09.2021 | 22.09.2021 (2 Weeks) |

Note: All the laboratory courses shall be conducted once normalcy is restored.



REGISTRAR

PRINCIPAL

SRI INDU INSTITUTE OF PHARMACY

Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
Academic Calendar (2020-21)
For All Constituent & Affiliated Colleges of JNTUH
M.Tech. / M.Pharm. I Year - I & II Semesters

M.Tech. / M. Pharm. I Year - I Semester

| S. No | Description | Duration | |
|-------|---|-------------------|----------------------|
| | | From | To |
| 1 | Commencement of I Semester classwork / Induction Programme | 16.12.2020 | |
| 2 | 1 st Spell of Instructions | 16.12.2020 | 06.02.2021 (8 Weeks) |
| 3 | First Mid Term Examinations | 08.02.2021 | 13.02.2021 (1 Week) |
| 4 | Submission of First Mid Term Exam Marks to the University on or before | 20.02.2021 | |
| 5 | 2 nd Spell of Instructions | 15.02.2021 | 10.04.2021 (8 Weeks) |
| 6 | Second Mid Term Examinations | 12.04.2021 | 17.04.2021 (1 Week) |
| 7 | Practical classes | 19.04.2021 | 24.04.2021 (1 Week) |
| 8 | Submission of Second Mid Term Exam Marks to the University on or before | 24.04.2021 | |
| 9 | Preparation Holidays and Practical Examinations | 26.04.2021 | 01.05.2021 (1 Week) |
| 10 | End Semester Examinations | 03.05.2021 | 15.05.2021 (2 Weeks) |

M.Tech./ M.Pharm. I Year - II Semester

| S. No | Description | Duration | |
|-------|---|-------------------|----------------------|
| | | From | To |
| 1 | Commencement of II Semester classwork | 17.05.2021 | |
| 2 | 1 st Spell of Instructions | 17.05.2021 | 10.07.2021 (8 Weeks) |
| 3 | First Mid Term Examinations | 12.07.2021 | 17.07.2021 (1 Week) |
| 4 | Submission of First Mid Term Exam Marks to the University on or before | 24.07.2021 | |
| 5 | 2 nd Spell of Instructions | 19.07.2021 | 11.09.2021 (8 Weeks) |
| 6 | Second Mid Term Examinations | 13.09.2021 | 18.09.2021 (1 Week) |
| 7 | Preparation Holidays and Practical Examinations | 20.09.2021 | 25.09.2021 (1 Week) |
| 8 | Submission of Second Mid Term Exam Marks to the University on or before | 25.09.2021 | |
| 9 | End Semester Examinations | 27.09.2021 | 09.10.2021 (2 Weeks) |

Note: All the laboratory courses shall be conducted once normalcy is restored.

Sd/- xxxx
 Director, Academic & Planning



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SRI INDU INSTITUTE OF PHARMACY
 Sheriguda (V), Ibrahimpatnam (M),
 R.R. Dist. Hyderabad-501 510.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Academic Calendar 2020-21

Pharm. D (Regular) and Pharm.D (PB) I Year

Pharm. D (Regular) and Pharm.D (PB) I Year

| S. No | Description | Duration | |
|-------|---|------------|-----------------------|
| | | From | To |
| 1 | Commencement of classwork / Induction Programme | 16.12.2020 | |
| 2 | 1 st Spell of Instructions (including Dussehra Recess, previous year End Examinations) | 16.12.2020 | 06.03.2021 (12 Weeks) |
| 3 | First Mid Term Examinations | 08.03.2021 | 13.03.2021 (1 Week) |
| 4 | Submission of First Mid Term Exam Marks to the University on or before | 20.03.2021 | |
| 5 | 2 nd Spell of Instructions | 15.03.2021 | 05.06.2021 (12 Weeks) |
| 6 | Second Mid Term Examinations | 07.06.2021 | 12.06.2021 (1 Week) |
| 7 | Submission of Second Mid Term Exam Marks to the University on or before | 19.06.2021 | |
| 8 | 3 rd Spell of Instructions (including Summer vacation) | 14.06.2021 | 04.09.2021 (12 Weeks) |
| 9 | Third Mid Term Examinations | 06.09.2021 | 11.09.2021 (1 Week) |
| 10 | Preparation Holidays and Practical Examinations | 13.09.2021 | 25.09.2021 (2 Weeks) |
| 11 | Submission of Third Mid Term Exam Marks to the University on or before | 25.09.2021 | |
| 12 | End / Supplementary Examinations | 27.09.2021 | 09.10.2021 (2 Weeks) |

Note: All the laboratory courses shall be conducted once normalcy is restored.

Sd/- xxxx

Director, Academic & Planning



A.M.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.

SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

REVISED ACADEMIC CALENDAR 2020-21

For All Constituent & Affiliated Colleges of JNTUH

B. Tech./B.Pharm. II, III & IV Years I & II Semesters

B. Tech./B.Pharm. II, III & IV Years - I Semester

| S. No | Description | Duration | |
|-------|---|------------|----------------------|
| | | From | To |
| 1 | Commencement of I Semester classwork | | 01.09.2020 |
| 2 | 1 st Spell of Instructions (including Dussehra Recess) | 01.09.2020 | 31.10.2020 (9 Weeks) |
| 3 | Dussehra Recess | 19.10.2020 | 24.10.2020 |
| 4 | End Examinations preparation holidays - Previous Semesters | 02.11.2020 | 04.11.2020 (3 days) |
| 5 | 2 nd Spell of Instructions (including First Mid Term Examinations) | 14.12.2020 | 13.02.2021 (9 Weeks) |
| 6 | First Mid Term Examinations | 21.12.2020 | 28.12.2020 (1 Week) |
| 7 | Submission of First Mid Term Exam Marks to the University on or before | | 04.01.2021 |
| 8 | Second Mid Term Examinations | 15.02.2021 | 20.02.2021 (1 Week) |
| 9 | Practical classes | 22.02.2021 | 27.02.2021 (1 Week) |
| 10 | Preparation Holidays and Practical Examinations | 01.03.2021 | 06.03.2021 (1 Week) |
| 11 | Submission of Second Mid Term Exam Marks to the University on or before | | 06.03.2021 |
| 12 | End Semester Examinations | 08.03.2021 | 20.03.2021 (2 Weeks) |

B. Tech./ B.Pharm. II, III & IV Years - II Semester

| S. No | Description | Duration | |
|-------|---|------------|----------------------|
| | | From | To |
| 1 | Commencement of II Semester classwork | | 22.03.2021 |
| 2 | 1 st Spell of Instructions | 22.03.2021 | 15.05.2021 (8 Weeks) |
| 3 | Summer Vacation | 17.05.2021 | 29.05.2021 (2 Weeks) |
| 4 | First Mid Term Examinations | 31.05.2021 | 05.06.2021 (1 Week) |
| 5 | Submission of First Mid Term Exam Marks to the University on or before | | 11.06.2021 |
| 6 | 2 nd Spell of Instructions | 07.06.2021 | 31.07.2021 (8 Weeks) |
| 7 | Second Mid Term Examinations | 02.08.2021 | 07.08.2021 (1 Week) |
| 8 | Preparation Holidays and Practical Examinations | 09.08.2021 | 14.08.2021 (1 Week) |
| 9 | Submission of Second Mid Term Exam Marks to the University on or before | | 14.08.2021 |
| 10 | End Semester Examinations | 16.08.2021 | 28.08.2021 (2 Weeks) |

Note: 1 All the laboratory courses shall be conducted once normalcy is restored.

2 Regular End Semester Examinations of previous Semester (including lab exams) as per the data received from the Examination branch: 05.11.2020 to 11.12.2020.




ASd/xxxxxx
DIRECTOR ACADEMIC & PLANNING
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
 Sheriguda (V), Ibrahimpatnam (M),
 R.R. Dist. Hyderabad-501 510.

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Revised Academic Calendar (2020-21)

For All Constituent & Affiliated Colleges of JNTUH

M.Tech. / M.Pharm. II Year - I & II Semesters

M.Tech./ M. Pharm. II Year - I Semester

| S. No | Description | Duration | |
|-------|--|------------|-----------------------|
| | | From | To |
| 1 | Commencement of I Semester classwork | | 01.09.2020 |
| 2 | 1 st Spell of Instructions (including Dussehra Recess, previous Semester End Examinations) | 01.09.2020 | 16.11.2020 (11 Weeks) |
| 3 | Dussehra Recess | 19.10.2020 | 24.10.2020 (1 Week) |
| 4 | Preparation of Project Work Proposals | 01.09.2020 | 28.09.2020 (4 Weeks) |
| 5 | Project Work Review-I: Project approval (Part-I commencement) | 29.09.2020 | 03.10.2020 |
| 6 | Last date for submission of list of approved PRC-I students from the College to the University Examination branch. | | 06.10.2020 |
| 7 | 2 nd Spell of Instructions (including First Mid Term Exams) | 17.11.2020 | 19.01.2021 (9 Weeks) |
| 8 | First Mid Term Examinations | 14.12.2020 | 19.12.2020 (1 Week) |
| 9 | Submission of First Mid Term Exam Marks to the University on or before | | 28.12.2020 |
| 10 | Second Mid Term Examinations | 20.01.2021 | 25.01.2021 (1 Week) |
| 11 | Preparation Holidays | 27.01.2021 | 30.01.2021 |
| 12 | Submission of Second Mid Term Exam Marks to the University on or before | | 05.02.2021 |
| 13 | End Semester Examinations | 01.02.2021 | 13.02.2021 (2 Weeks) |

M.Tech./ M.Pharm. II Year - II Semester

| S. No | Description | Duration | |
|-------|--|------------|------------|
| | | From | To |
| 1 | Commencement of II Semester (Project Work Continuation) (5.10.2020 to 15.02.2021 - 4 Months - Excluding Previous Semesters Examinations) | | 15.02.2021 |
| 2 | Project Work Review -II (Phase-I) | 15.02.2021 | 17.02.2021 |
| 3 | ** Project Work Review -II(Phase-II) | 01.03.2021 | 03.03.2021 |
| 4 | Last date for submission of PRC-II marks | | 06.03.2021 |
| 5 | Project Work Review -III (Phase -I) | 12.07.2021 | 17.07.2021 |
| 6 | Last date for submission of Project Work Review-III (Phase-I) Marks | | 24.07.2021 |
| 7 | * Date of eligibility of thesis submission | | 24.07.2021 |
| 8 | Submission of Thesis and Project Viva - Voce Examination (PRC-III Phase-I) follows | | |



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SRI INDU INSTITUTE OF PHARMACY
 Sheriguda (V), Ibrahimpatnam (M),
 R.R. Dist. Hyderabad-501 510.

| | | | |
|----|---|------------|------------|
| 9 | ** Project Work Review – III (Phase –II) | 12.10.2021 | 16.10.2021 |
| 10 | Last date for submission of Project Work Review –III (Phase-II) Marks | 18.10.2021 | |
| 11 | Submission of Thesis and Project Viva – Voce Examination (Phase-II) follows | --- | |

* After completion of 40 weeks from the date of approval of project work proposal and subject to approval of Project Work Review-III,

** Phase-II will be conducted only for unsuccessful students in Phase –I

Note: 1 The unsuccessful students in Project Work Review-II (Phase-II) shall appear for Project Work Review-II at the time of Project Work Review-III. These students shall reappear for Project Work Review-III in the next academic year at the time of Project Work Review -II only after completion of Project Work Review -II, and then Project Work Review -III follows.

2 The unsuccessful students in Project Work Review -III (Phase-II) shall reappear for Project Work Review -III in the next academic year at the time of Project Work Review –II only.

3 The Project Viva-Voce External examination Marks must be submitted on the day of examination to the University.

4. Regular End Semester Examinations of previous Semester (including lab exams) as per the data received from the Examination branch: 12.10.2020, 31.10.2020, 03.11.2020, 05.11.2020 to 16.11.2020.

Sd/- xxxxxx

DIRECTOR, ACADEMIC & PLANNING

A. M.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
 Sheriguda (V), Ibrahimpatnam (M),
 R.R. Dist. Hyderabad-501 510.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

Revised Academic Calendar 2020-21

Pharm. D (Regular) II, III, IV, V, VI Years and Pharm.D (PB) II, III Years

Pharm. D (Regular) II, III, IV, V Year and Pharm.D (PB) II Year

| S. No | Description | Duration | |
|-------|---|------------|-----------------------|
| | | From | To |
| 1 | Commencement of classwork | 01.09.2020 | |
| 2 | 1 st Spell of Instructions (including Dussehra Recess, previous year End Examinations) | 01.09.2020 | 12.12.2020 (15 Weeks) |
| 3 | Dussehra Recess | 19.10.2020 | 24.10.2020 (1 Week) |
| 4 | First Mid Term Examinations | 14.12.2020 | 19.12.2020 (1 Week) |
| 5 | Submission of First Mid Term Exam Marks to the University on or before | 28.12.2020 | |
| 6 | 2 nd Spell of Instructions | 21.12.2020 | 20.03.2021 (13 Weeks) |
| 7 | Second Mid Term Examinations | 22.03.2021 | 27.03.2021 (1 Week) |
| 8 | Submission of Second Mid Term Exam Marks to the University on or before | 03.04.2021 | |
| 9 | 3 rd Spell of Instructions (including Summer vacation) | 30.03.2021 | 28.06.2021 (13 Weeks) |
| 10 | Summer vacation | 17.05.2021 | 29.05.2021 (2 Weeks) |
| 11 | Third Mid Term Examinations | 29.06.2021 | 03.07.2021 (1 Week) |
| 12 | Preparation Holidays and Practical Examinations | 05.07.2021 | 17.07.2021 (2 Weeks) |
| 13 | Submission of Third Mid Term Exam Marks to the University on or before | 17.07.2021 | |
| 14 | End / Supplementary Examinations | 19.07.2021 | 31.07.2021 (2 Weeks) |

Pharm. D (Regular) VI Year and Pharm.D (PB) III Year

| S. No | Description | Duration | |
|-------|---|------------|-----------------------|
| | | From | To |
| 1 | Commencement of internship in General ward | 01.09.2020 | 27.02.2021 (6 Months) |
| 2 | Report submission of internship in General ward | 01.03.2021 | |
| 3 | Commencement of internship in Specialty ward-1 | 02.03.2021 | 01.05.2021 (2 Months) |
| 4 | Report submission of internship in Specialty ward-1 | 03.05.2021 | |
| 5 | Commencement of internship in Specialty ward-2 | 04.05.2021 | 03.07.2021 (2 Months) |
| 6 | Report submission of internship in Specialty ward-2 | 05.07.2021 | |
| 7 | Commencement of internship in Specialty ward-3 | 06.07.2021 | 04.09.2021 (2 Months) |
| 8 | Report submission of internship in Specialty ward-3 | 06.09.2021 | |
| 9 | Final viva of internship | 08.09.2021 | |

Note: 1 All the laboratory courses shall be conducted once normalcy is restored.

2 Regular End Examinations of previous year (including lab exams) as per the data received from the Examination branch: 12.10.2020, 27.10.2020, 31.10.2020, 04.11.2020 to 16.11.2020.

Sd/- xxxxxx

DIRECTOR, ACADEMIC & PLANNING



PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
 Sheriguda (V), Ibrahimpatnam (M),
 R.R. Dist. Hyderabad-501 510.

PHARM. D (Regular) VI YEAR and PHARM. D – (PB) III YEAR

| Description | Period | Duration |
|---|--------------------------|------------|
| Commencement of Internship in general ward | 01.06.2017 to 30.11.2017 | (6 months) |
| Report submission of internship in general ward | 01.12.2017 | -- |
| Commencement of internship in specialty ward - 1 | 02.12.2017 to 01.02.2018 | (2 months) |
| Report submission of internship in specialty ward -1 | 02.02.2018 | -- |
| Commencement of internship in specialty ward - 2 | 03.02.2018 to 02.04.2018 | (2 months) |
| Report submission of internship in specialty ward -2 | 03.04.2018 | -- |
| Commencement of internship in specialty ward - 3 | 04.04.2018 to 02.06.2018 | (2 months) |
| Report submission of internship in specialty ward - 3 | 04.06.2018 | -- |
| Final viva of internship | 05.06.2018 | -- |

Yours sincerely,


DIRECTOR

Copy to: The Director of Evaluation & Controller of Examinations, JNTUH, Hyderabad.
P.A to VC, Rector and Registrar.

A. M. S.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD - 500 085

EXAMINATION BRANCH

TIME TABLE

II YEAR B.PHARM-II SEMESTER -R15,R13,R09,R07,REGULATION-REGULAR/SUPPLEMENTARY EXAMINATIONS MAY- 2017

TIME → FN: 10.00 AM TO 1.00 PM

| course | R15 | R13 | R09 | R07 |
|-------------------------|--------------------------------------|--------------------------------------|---|--------------------------------------|
| 03-05-2017 WEDNESDAY | PHARMACEUTICAL UNIT OPERATIONS II | PHARMACEUTICAL BIOCHEMISTRY | PHARMACEUTICAL UNIT OPERATIONS-II | DISPENSING AND HOSPITAL |
| 05-05-2017 FRIDAY | PHARMACEUTICAL BIOCHEMISTRY | PHYSICAL PHARMACY-II | ENVIRONMENTAL SCIENCE | PHARMACEUTICAL ANALYSIS - I |
| 09-05-2017 TUESDAY | PHARMACOGNOSY I | PHARMACEUTICAL UNIT OPERATIONS-II | PHARMACOGNOSY-I | PHARMACOGNOSY- MANAGEMENT SCIENCE |
| 15-05-2017 MONDAY | PHYSICAL PHARMACY II | ENVIRONMENTAL STUDIES | PHARMACEUTICAL ANALYSIS - I | PHARMACEUTICAL UNIT OPERATIONS-II |
| 17-05-2017 WEDNESDAY | ENVIRONMENTAL STUDIES | PHARMACOGNOSY-I | PHYSICAL PHARMACY - II DISPENSING AND HOSPITAL PHARMACY | ENVIRONMENTAL SCIENCE |

DATE:25-03-2017

NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

Sd/-

CONTROLLER OF EXAMINATIONS

T. Nageswara
Controller



11/4/17
Sri Indu Institute of Pharmacy
HYDERABAD, Andhra Pradesh 501 508
D. B. DIST-501 508

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD - 500 085

EXAMINATION BRANCH

TIME TABLE

III YEAR B.PHARM-II SEMESTER -R13,R09,R07,REGULATION-REGULAR/SUPPLEMENTARY EXAMINATIONS MAY- 2017

TIME→ FN: 10.00 AM TO 1.00 PM

| course | R13 | R09 | R07 |
|-------------------------|-------------------------------|--------------------------------|--------------------------------|
| 02-05-2017 TUESDAY | CHEMISTRY OF NATURAL PRODUCTS | PHARMACEUTICAL TECHNOLOGY - II | MEDICINAL CHEMISTRY I |
| 04-05-2017 THURSDAY | PHARMACEUTICAL TECHNOLOGY-II | MEDICINAL CHEMISTRY - I | PHARMACOLOGY - II |
| 08-05-2017 MONDAY | MEDICINAL CHEMISTRY-I | PHARMACOLOGY - II | PHARMACEUTICAL JURISPRUDENCE |
| 10-05-2017 WEDNESDAY | PHARMACEUTICAL JURISPRUDENCE | CHEMISTRY OF NATURAL DRUGS | PHARMACEUTICAL TECHNOLOGY - II |
| 16-05-2017 TUESDAY | PHARMACOLOGY II | PHARMACEUTICAL JURISPRUDENCE | CHEMISTRY OF NATURAL DRUGS |

DATE:25-03-2017

Sd/-

CONTROLLER OF EXAMINATIONS

NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES.THE EXAMINATIONS CONDUCTED AS USUAL

T. Nageswara
25/3/17

25/3/17



25/3/17
PRINCIPAL
Sri Indu Institute of Pharmacy
SHERIGUDA, Warangal (M)
R. R. DIST- 501 505

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD - 500 085 EXAMINATION BRANCH

I YEAR I SEMESTER B.PHARMACY-R16 REGULATION I - MID TERM EXAMINATIONS OCTOBER - 2016

TIME TABLE

TIME → FN: 10.00 AM TO 11.30 AM (MID EXAM: 10.00 AM TO 11.00 AM, QUIZ EXAM: 11.00 AM TO 11.30 AM)
AN: 02.00 PM TO 03.30 PM (MID EXAM: 02.00 PM TO 03.00 PM, QUIZ EXAM: 03.00 PM TO 03.30 PM)

| BRANCH | DATE, SESSION | | | | |
|------------|---------------------------|---------------------------------------|---|---|---|
| | 13-10-2016 FN THURSDAY | 13-10-2016 AN THURSDAY | 14-10-2016 FN FRIDAY | 14-10-2016 AN FRIDAY | 15-10-2016 FN SATURDAY |
| B.PHARMACY | REMEDIAL MATHEMATICS | DISPENSING AND GENERAL PHARMACY | Anatomy, Physiology and Health Education - I | Pharmaceutical Organic Chemistry - I | Professional Communication in English |
| | REMEDIAL BIOLOGY-I | | | | |

NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

DATE: 23-09-2016

T. Nageswara Rao
26-9-16

26/9/16

26/9/16
PRINCIPAL
JNTU Institute of Pharmacy
MERUGUDA, Ibrahimpetnam Rd.
R. R. DIST-501 606

CONTROLLER OF EXAMINATIONS



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD - 500 085

EXAMINATION BRANCH

I YEAR B.PHARM- R15 REGULATION ADVANCED SUPPLY EXAMINATIONS AUGUST/SEPTEMBER 2016

T I M E T A B L E

10:00AM TO 01:00PM

| COURSE | 26-08-2016 FRIDAY | 29-08-2016 MONDAY | 31-08-2016 WEDNESDAY | 02-09-2016 FRIDAY | 06-09-2016 TUESDAY | 08-09-2016 THURSDAY |
|---------|------------------------|---------------------------------------|---------------------------------|--|---|------------------------|
| B PHARM | REMIDAL MATHEMATICS | DISPENSING AND GENERAL PHARMACY | PHARM INORGANIC CHEMISTRY | PHARMACEUTI CAL ORGANIC CHEMISTRY-I | ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION | ENGLISH |
| | REMIDIAL BIOLOGY | | | | | |

DATE: 10-08-2016

Sd/-
CONTROLLER OF EXAMINATIONS

NOTE:

- i). ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY
- (ii). EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL

[Signature]
11/8/16

T. Nagarajan
Asst. Dir.

[Signature]
PRINCIPAL
Jai Indu Institute of Pharmacy
MERIGUDA, Ibrahimpetnam M
R. R. DIST-501 510



TIME TABLE

| BRANCH | 08-08-2016 MONDAY | 09-08-2016 TUESDAY | 10-08-2016 WEDNESDAY | 11-08-2016 THURSDAY | 12-08-2016 FRIDAY |
|------------------------------|--------------------------|--|---|--|--|
| B.PHARMACY II YEAR I SEM. | PHYSICAL PHARMACY – I | STATISTICAL METHODS & COMPUTER APPLICATIONS | ANATOMY, PHYSIOLOGY & PATHOPHYSIOLOGY | PHARMACEUTICAL UNIT OPERATIONS – I | PHARMACEUTICAL ORGANIC CHEMISTRY – II |

| TIME AM: 02.00 PM TO 03.30 PM | | | | | |
|-------------------------------|------------------------------|--------------------------------|-------------------------|----------------------------------|----------------------|
| BRANCH | 08-08-2016 MONDAY | 09-08-2016 TUESDAY | 10-08-2016 WEDNESDAY | 11-08-2016 THURSDAY | 12-08-2016 FRIDAY |
| B.PHARMACY III YEAR I SEM. | PHARMACEUTICAL ANALYSIS-I | PHARMACEUTICAL MICROBIOLOGY | PHARMACOGNOSY – II | PHARMACEUTICAL TECHNOLOGY – I | PHARMACOLOGY – I |

| TIME FR: 10.00 AM TO 11.30 AM | | | | | |
|-------------------------------|--|-----------------------|-------------------------|-----------------------------|----------------------------|
| BRANCH | 08-08-2016 MONDAY | 09-08-2016 TUESDAY | 10-08-2016 WEDNESDAY | 11-08-2016 THURSDAY | 12-08-2016 FRIDAY |
| B.PHARMACY IV YEAR I SEM. | BIOPHARMACEUTICS & PHARMACOKINETICS | PHARMACOGNOSY III | PHARMACOLOGY-III | MEDICINAL CHEMISTRY – II | PHARMACY ADMINISTRATION |

(i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL
(iii) READMITTED STUDENTS HAVE TO APPEAR FOR THE SUBSTITUTE SUBJECT(S) [WHICH IS/ARE NOT SHOWN IN THE TIME-TABLE] IN PLACE OF THE SUBJECT(S) ALREADY PASSED. FOR DETAILS OF SUBSTITUTE SUBJECTS REFER THE COMMUNICATIONS RECEIVED FROM THE DIRECTOR OF ACADEMIC & PLANNING.

Mr. Depina *[Signature]* 2/8/16

PRINCIPAL
Oil Indu Institute of Pharmacy,
AMERIGUDA, Ibrahimpatnam, M
R. R. DIST. 501 505

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R17
I-I

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.PHARM.-I SEMESTER -R17 REGULATION - REGULAR /SUPPLEMENTARY EXAMINATIONS DECEMBER-2018

TIMETABLE

TIME : 10:00 AM TO 1:00 PM

| COURSE | 17-12-2018 MONDAY | 19-12-2018 WEDNESDAY | 21-12-2018 FRIDAY | 24-12-2018 MONDAY | 28-12-2018 FRIDAY | 31-12-2018 MONDAY | 02-01-2019 WEDNESDAY | 04-01-2019 FRIDAY |
|-----------------------------|-----------------------------------|--------------------------------|---|--|--|---|---|---|
| PHARMACOLOGY-01 | | Advanced Pharmacology - I | Clinical Pharmacology and Pharmacotherapeutics | Elective-1 Modern Pharmaceutical Analytical Techniques Clinical Research and Pharmacovigilance | Open Elective -1 Pharmacoepidemiology and Pharmacoeconomic Drug Regulatory Affairs Pharmaceutical Formulation Technology | Open Elective -1 Herbal Cosmetics Technology | Pharmacokinetics And Drug Metabolism | Open Elective -1 Pharmaceutical Management |
| PHARMACEUTICAL CHEMISTRY-02 | Advanced Organic Chemistry-I | Advanced Medicinal Chemistry-I | Elective-1 Intellectual Property Rights | Elective-1 Modern Pharmaceutical Analytical Techniques | Open Elective -1 Drug Regulatory Affairs Pharmacoepidemiology and Pharmacoeconomics Drug Discovery & Design Phytochemistry | Chemistry of Natural Products | | Open Elective -1 Pharmaceutical management |
| <u>PHARMACEUTICS -03</u> | Advanced Physical Pharmaceutics ✓ | Modern Pharmaceutics-I ✓ | Applied Biopharmaceutics and Pharmacokinetics ✓ | Modern Pharmaceutical Analytical Techniques Intellectual Property Rights ✓ | Open Elective -1 Pharmacoepidemiology and Pharmacoeconomics Drug Regulatory Affairs ✓ | Open Elective -1 Herbal Cosmetics Technology | Open Elective -1 Pharmaceutical Validation | Open Elective -1 Pharmaceutical Management |

DATE: 24-10-2018

T. Naga Achari

3/12/18



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KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.PHARM.-I SEMESTER -R17 REGULATION 2018 ADMITTED STUDENTS- REGULAR EXAMINATIONS DECEMBER-2018

TIMETABLE

TIME: 10:00 AM TO 1:00 PM

| COURSE | 17-12-2018 MONDAY | 19-12-2018 WEDNESDAY | 21-12-2018 FRIDAY | 24-12-2018 MONDAY | 28-12-2018 FRIDAY | 31-12-2018 MONDAY | 02-01-2019 WEDNESDAY | 04-01-2019 FRIDAY |
|--|---|------------------------------|---|--|--|--|--|--|
| <u>PHARMACEUTICAL ANALYSIS -12</u> | Advanced Pharmaceutical Analysis ✓ | Food Analysis ✓ | Elective-1 Intellectual Property Rights ✓ | Modern Pharmaceutical Analytical Techniques ✓ | Open Elective -1 Drug Regulatory Affairs ✓ Pharmacoepidemiology and Pharmacoeconomics Pharmaceutical Formulation Technology | Open Elective -1 Herbal Cosmetics Technology | ELECTIVE-1 Pharmaceutical Validation | Open Elective -1 Pharmaceutical Management |
| <u>PHARMACEUTICAL REGULATORY AFFAIRS -13</u> | | Drug Regulatory Affairs ✓ | Elective -1 Total Quality Management Intellectual Property Rights ✓ | Good regulatory practices ✓ | Open Elective -1 Pharmacoepidemiology and Pharmacoeconomics Phytochemistry Pharmaceutical Formulation Technology | Open Elective -1 Herbal Cosmetics Technology | Open Elective -1 Pharmaceutical Validation ✓ | Documentation and regulatory writing ✓ |
| <u>PHARMACEUTICAL QUALITY ASSURANCE -14</u> | Quality control and quality assurance ✓ | Quality management systems ✓ | elective -1 Intellectual Property Rights ✓ | Modern Pharmaceutical Analytical Techniques ✓ | Open Elective -1 Pharmacoepidemiology and Pharmacoeconomics Pharmaceutical Formulation Technology Drug Regulatory Affairs ✓ | Open Elective -1 Herbal Cosmetics Technology | Elective -1 Pharmaceutical Validation | Open Elective -1 Pharmaceutical Management |
| <u>PHARMACY PRACTICE -15</u> | Pharmacotherapeutics-I ✓ | Clinical Pharmacy Practice ✓ | Hospital and Community Pharmacy ✓ | Elective -1 Clinical Research and Pharmacovigilance Pharmacoepidemiology and Pharmacoeconomics ✓ | Open Elective -1 Drug Regulatory Affairs ✓ Phytochemistry | Open Elective -1 Herbal Cosmetics Technology | OPEN ELECTIVE1 Pharmaceutical Validation | Open Elective -1 Pharmaceutical Management |

DATE: 24-10-2018

NOTE:

T. Naga Awar

3/12/18



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R.R.DIST-501 508.

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KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.PHARM. -I SEMESTER -R17 REGULATION 2017 ADMITTED STUDENTS- SUPPLEMENTARY EXAMINATIONS DECEMBER-2018

TIMETABLE

TIME: 10:00 AM TO 1:00 PM

| COURSE | 17-12-2018 MONDAY | 19-12-2018 WEDNESDAY | 21-12-2018 FRIDAY | 24-12-2018 MONDAY | 28-12-2018 FRIDAY | 31-12-2018 MONDAY | 02-01-2019 WEDNESDAY | 04-01-2019 FRIDAY |
|---|----------------------------------|----------------------------|--|--|--|---|---|---|
| <u>PHARMACEUTICAL ANALYSIS & QUALITY ASSURANCE-04</u> | Advanced Pharmaceutical Analysis | Food Analysis | Elective-1 Intellectual Property Rights | Modern Pharmaceutical Analytical Techniques | Open Elective -1 Drug Regulatory Affairs Pharmacoepidemiology and Pharmacoeconomics Pharmaceutical Formulation Technology | Open Elective -1 Herbal Cosmetics Technology | ELECTIVE-1 Pharmaceutical Validation | Open Elective -1 Pharmaceutical Management |
| <u>HOSPITAL AND CLINICAL PHARMACY-05</u> | Pharmacotherapeutics-I | Clinical Pharmacy Practice | Hospital and Community Pharmacy | Elective -1 Clinical Research and Pharmacovigilance Pharmacoepidemiology and Pharmacoeconomics | Open Elective -1 Drug Regulatory Affairs Phytochemistry | Open Elective -1 Herbal Cosmetics Technology | OPEN ELECTIVE1 Pharmaceutical Validation | Open Elective -1 Pharmaceutical Management |

DATE: 24-10-2018

T. Naga A Parth
3-12-18

[Signature]
3/12/18

[Signature]
3/12/18
PRINCIPAL
Sri Indu Institute of Pharmacy,
SERIGUDA, Ibrahimpatnam M.,
B. R. DIST-501 508.

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EXAMINATION BRANCH

M.PHARM.-I SEMESTER -R17 REGULATION 2017 ADMITTED STUDENTS- SUPPLEMENTARY EXAMINATIONS DECEMBER-2018

TIMETABLE

TIME: 10:00 AM TO 1:00 PM

| COURSE | 17-12-2018 MONDAY | 19-12-2018 WEDNESDAY | 21-12-2018 FRIDAY | 24-12-2018 MONDAY | 28-12-2018 FRIDAY | 31-12-2018 MONDAY | 02-01-2019 WEDNESDAY | 04-01-2019 FRIDAY |
|--|----------------------|----------------------------|-------------------------------|--|--|---|-------------------------|------------------------------|
| <u>PHARMACEUTICAL MANAGEMENT AND REGULATORY AFFAIRS-10</u> | | Drug Regulatory Affairs | El ective -1 | Modern Pharmaceutical Analytical Techniques | Open El ective -1 | Open El ective -1 Herbal Cosmetics Technology | Open El ective -1 | Pharmaceutical Validation |
| | | | Total Quality Management | | Pharmacoepidemiology and Pharmacoeconomics | | | |
| | | | Intellectual Property Rights | | Phytochemistry Pharmaceutical Formulation Technology | | | |
| <u>QUALITY ASSURANCE AND PHARMA REGULATORY AFFAIRS -11</u> | Quality Assurance | Drug Regulatory Affairs | El ective -1 | Modern Pharmaceutical Analytical Techniques | Open El ective -1 | Open El ective -1 Herbal Cosmetics Technology | Open El ective -1 | Open El ective -1 |
| | | | Quality Management Systems | | Pharmacoepidemiology and Pharmacoeconomics | | | |
| | | | Intellectual Property Rights | | Pharmaceutical Formulation Technology | | | |

DATE: 24-10-2018

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NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY
- EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES.THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL

T. Naga APrave

5/12/18

PRINCIPAL
ori Indu Institute of Pharmacy
SERIGUDA, Ibrahimpatnam
R. R. DIST-501 508



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KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.PHARM.-II SEMESTER -R17 REGULATION- SUPPLEMENTARY EXAMINATIONS DECEMBER-2018

TIMETABLE

TIME: 10:00 AM TO 1:00 PM

| COURSE | 18-12-2018 TUESDAY | 20-12-2018 THURSDAY | 22-12-2018 SATURDAY | 27-12-2018 THURSDAY | 29-12-2018 SATURDAY | 01-01-2019 TUESDAY | 03-01-2019 THURSDAY | 05-01-2019 SATURDAY |
|--------------------------------|---|--|---|---|--|--|--|---|
| PHARMACOLOGY-01 | OE-II | core Pharmacological and Toxicological Screening Methods | core Principles of Drug Discovery | OE-II Biostatistics and Research Methodology | OE-II Advanced Drug Delivery Systems | core Advanced Pharmacology- II | E-II Quality Use of Medicines Principles of Toxicology | OE-II Stability of Drugs and Dosage Forms |
| | Entrepreneurship Management | | | | | | | |
| | Clinical Toxicology | | | | | | | |
| PHARMACEUTICAL CHEMISTRY-02 | OE-II Entrepreneurship management | OE-II Spectral analysis | CORE Advanced Medicinal Chemistry II | E-II Biostatistics And Research Methodology | CORE Advanced Organic Chemistry -II | CORE Pharmaceutical Process Chemistry | | E-II Stability of Drugs and Dosage forms |
| | Nano Based Drug Delivery Systems | | | | | | | |
| | Herbal & Cosmetics analysis | | | | | | | |
| | Screening Methods in Pharmacology | | | | | | | |
| PHARMACEUTIC S-03 | OE-II Nano Based Drug Delivery Systems | | CORE Industrial Pharmacy | E-II Biostatistics And Research Methodology | CORE Advanced Drug Delivery Systems | CORE Modern Pharmaceutics-II | | E-II Stability of Drugs and Dosage Forms |
| | Nutraceuticals | | | | | | | |
| | Entrepreneurship management | | | | | | | |
| | Clinical Research And Pharmacovigilance | | | | | | | |
| | Screening Methods in Pharmacology ✓ | | | | | | | |

T. Naga Arava
DATE: 24-10-2018

[Signature] 5/12/18

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PRINCIPAL
Sri Indu Institute of Pharmacy
SHARIGUDA, Ibrahimpatnam (M),
R.R. Dist. 501 510

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EXAMINATION BRANCH

M.PHARM.-II SEMESTER -R17 REGULATION- SUPPLEMENTARY EXAMINATIONS DECEMBER-2018

TIMETABLE

TIME: 10:00 AM TO 1:00 PM

| COURSE | 18-12-2018 TUESDAY | 20-12-2018 THURSDAY | 22-12-2018 SATURDAY | 27-12-2018 THURSDAY | 29-12-2018 SATURDAY | 01-01-2019 TUESDAY | 03-01-2019 THURSDAY | 05-01-2019 SATURDAY |
|---|---|---------------------------------|--|---|---|--|---|--|
| PHARMACEUTICAL ANALYSIS & QUALITY ASSURANCE - 04 | OE-II Nano Based Drug Delivery Systems | E-II Spectral analysis | core Advanced Instrumental Analysis | E-II Biostatistics And Research Methodology | core Quality Control and Quality Assurance | core Modern Bio analytical Techniques | | OE-II Stability of Drugs and Dosage forms |
| | Entrepreneurship management | | | | | | | |
| | Herbal & Cosmetics Analysis | | | | | | | |
| | Screening Methods in Pharmacology | | | | | | | |
| HOSPITAL & CLINICAL PHARMACY- 05 | OE-II Entrepreneurship Management | CORE Pharmacotherapeutics-II | OE-II Principles of Drug Discovery | OE-II Biostatistics and Research Methodology | E-II Advanced Drug Delivery Systems | CORE Principles of Quality use of Medicines | CORE Clinical Pharmacokinetics and Therapeutic Drug Monitoring | OE-II Stability of Drugs and Dosage Forms |
| | Screening Methods in Pharmacology | | | | E-II Clinical Toxicology | | | |
| QUALITY ASSURANCE - 06 | OE-II Nano Based Drug Delivery Systems | E-II Spectral analysis | core Advanced Instrumental Analysis | E-II Biostatistics And Research Methodology | core Quality Control and Quality Assurance | core Modern Bio analytical Techniques | | OE-II Stability of Drugs and Dosage forms |
| | Entrepreneurship management | | | | | | | |
| | Herbal & Cosmetics Analysis | | | | | | | |
| | Screening Methods in Pharmacology | | | | | | | |

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HERIGUDA, Ibrahimpet, Hyderabad
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KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.PHARM.-I SEMESTER -R15 REGULATION- SUPPLEMENTARY EXAMINATIONS DECEMBER-2018

TIMETABLE

TIME: 10:00 AM TO 1:00 PM

| COURSE | 17-12-2018 MONDAY | 19-12-2018 WEDNESDAY | 21-12-2018 FRIDAY | 24-12-2018 MONDAY | 28-12-2018 FRIDAY | 31-12-2018 MONDAY | 02-01-2019 WEDNESDAY | 04-01-2019 FRIDAY |
|---|--|---|--|--|---|---|--|--|
| PHARMACOLOGY-01 | PHARMACOKINETICS AND DRUG METABOLISM | ADVANCED PHARMACOLOGY-I | CLINICAL PHARMACOLOGY AND PHARMACOTHERAPY TECHNIQUES | ELECTIVE-CI MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUE INTELLECTUAL PROPERTY RIGHTS AND REGULATORY AFFAIRS | ELECTIVE DRUG REGULATORY AFFAIRS(NATIONAL AND INTERNATIONAL) MOLECULAR PHARMACOLOGY CLINICAL RESEARCH | OPEN ELECTIVE-I HERBAL COSMETICS TECHNOLOGY PHARMACOEPIDEMI- OLOGY PHARMACOECONOMI- CS AND PHARMACOVIGILANC E | | |
| PHARMACEUTICAL CHEMISTRY-02 | ADVANCED PHARMACEUTICAL ORGANIC CHEMISTRY -I | ADVANCED MEDICINAL CHEMISTRY -I | ADVANCED MEDICINAL CHEMISTRY -II | ELECTIVE-CI MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUE INTELLECTUAL PROPERTY RIGHTS AND REGULATORY AFFAIRS | OPEN ELECTIVE DRUG DISCOVERY AND DESIGN DRUG REGULATORY AFFAIRS (NATIONAL AND INTERNATIONAL) | OPEN ELECTIVE-I HERBAL COSMETICS TECHNOLOGY PHARMACOEPIDEMI- OLOGY PHARMACOECONO- MICS AND PHARMACOVIGILAN CE | OPEN ELECTIVE-I SEPARATION TECHNIQUES | |
| PHARMACEUTICS-03 | ADVANCED PHYSICAL PHARMACEUTICS | ADVANCED PHARMACEUTICAL TECHNOLOGY -I | APPLIED BIOPHARMACEUTICS AND PHARMACOKINETICS | ELECTIVE-CI MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUE INTELLECTUAL PROPERTY RIGHTS AND REGULATORY AFFAIRS | OPEN ELECTIVE DRUG REGULATORY AFFAIRS (NATIONAL & INTERNATIONAL) | OPEN ELECTIVE-I HERBAL COSMETICS TECHNOLOGY PHARMACOEPIDEMI- OLOGY PHARMACOECONO- MICS AND PHARMACOVIGILAN CE | ELECTIVE SEPARATION METHO | OPEN ELECTIVE-I PHARMACEUTICAL MANAGEMENT -I |
| PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE-04 | ELECTIVE ADVANCED PHYSICAL PHARMACEUTICS | ADVANCED PHARMACEUTICAL ANALYSIS -I | QUALITY CONTROL OF BULK DRUGS AND FORMULATIONS | ELECTIVE-CI MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUE INTELLECTUAL PROPERTY RIGHTS AND REGULATORY AFFAIRS | OPEN ELECTIVE DRUG REGULATORY AFFAIRS (NATIONAL AND INTERNATIONAL) | OPEN ELECTIVE-I HERBAL COSMETICS TECHNOLOGY PHARMACOEPIDEMI- OLOGY PHARMACOECONOM- ICS AND PHARMACOVIGILAN CE | SEPARATION TECHNIQUES | OPEN ELECTIVE-I PHARMACEUTICAL MANAGEMENT -I |
| HOSPITAL & CLINICAL PHARMACY-05 | PATHOPHYSIOLOGY AND APPLIED PHARMACOTHERAPEUTICS-I | ADVANCED CLINICAL PHARMACY | COMMUNITY PATIENT CARE/ COMMUNITY PHARMACY | ELECTIVE-CI INTELLECTUAL PROPERTY RIGHTS AND REGULATORY AFFAIRS MODERN PHARMACEUTICAL ANALYTICAL TECHNIQUE | OPEN ELECTIVE CLINICAL RESEARCH DRUG REGULATORY AFFAIRS (NATIONAL AND INTERNATIONAL) MOLECULAR PHARMACOLOGY | OPEN ELECTIVE-I PHARMACOEPIDEMI- OLOGY PHARMACOECONOMI- CS AND PHARMACOVIGILANC E HERBAL COSMETICS TECHNOLOGY | | |

DATE: 24-10-2018

T. Naga Anjan

3/12/18

Sd/-
Principal
Sri Institute of Pharmacy
GURUGUDA, Narsimhapetnam
G. R. DIST-501 505



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KUKATPALLY-HYDERABAD-500085

EXAMINATION BRANCH

M.PHARM.-II SEMESTER -R15 REGULATION- SUPPLEMENTARY EXAMINATIONS DECEMBER-2018

TIME TABLE

TIME: 10:00 AM TO 1:00 PM

| TIME: 10.00 AM TO 1.00 PM | | | | | | | | |
|-----------------------------|---|---|-----------------------------------|--|--|--|------------------------------|-------------------------------------|
| COURSE | 18-12-2018 TUESDAY | 20-12-2018 THURSDAY | 22-12-2018 SATURDAY | 27-12-2018 THURSDAY | 29-12-2018 SATURDAY | 01-01-2019 TUESDAY | 03-01-2019 THURSDAY | 05-01-2019 SATURDAY |
| PHARMACOLOGY-01 | OPEN ELECTIVE-II | Advanced Screening Methods and Toxicology | Advances in Pharmacotherapy | ELECTIVE-II | OPEN ELECTIVE-II | Advanced Pharmacology- II | | OPEN ELECTIVE-II |
| | Biostatistics And Research Methodology | | | Advanced Drug Delivery Systems | | | | Stability of Drugs and Dosage Forms |
| | Screening Methods & Clinical Research | | | | | | | |
| | | | | | Nano Based Drug Delivery Systems | | | |
| Nutraceuticals | | | | | | | | |
| Clinical Toxicology | | | | | | | | |
| PHARMACEUTICAL CHEMISTRY-02 | OPEN ELECTIVE-II | OPEN ELECTIVE-II | Advanced Medicinal Chemistry -III | ELECTIVE II | Advanced Chemistry of Natural Products | Advanced Pharmaceutical Organic Chemistry - II | | OPEN ELECTIVE-II |
| | Nano Based Drug Delivery Systems | Spectral Analysis | | Biostatistics And Research Methodology | | | | Stability of Drugs and Dosage Forms |
| | Nutraceuticals | | | Screening Methods & Clinical Research | | | | |
| | Pharmaceutical Product Development & Management | | | | | | | |
| PHARMACEUTICS-03 | OPEN ELECTIVE-II | | Industrial Pharmacy | ELECTIVE II | Advanced Drug Delivery Systems | Advanced Pharmaceutical Technology II | (Open elective II) | OPEN ELECTIVE-II |
| | Nano Based Drug Delivery Systems | | | Biostatistics And Research Methodology | | | Pharmaceutical Management-II | Stability of Drugs and Dosage Forms |
| | Nutraceuticals | | | Screening Methods & Clinical Research | | | | |

DATE: 24-10-2018

T. Naze A.P.

Principal

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MERIGUDA, Ibrahimpatnam
B. R. DIST-505 505



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EXAMINATION BRANCH

M.PHARM.-II SEMESTER -R15 REGULATION- SUPPLEMENTARY EXAMINATIONS DECEMBER-2018

TIME TABLE

TIME : 10:00 AM TO 1:00 PM

| COURSE | 18-12-2018 TUESDAY | 20-12-2018 THURSDAY | 22-12-2018 SATURDAY | 27-12-2018 THURSDAY | 29-12-2018 SATURDAY | 01-01-2019 TUESDAY | 03-01-2019 THURSDAY | 05-01-2019 SATURDAY |
|--|---|---|---------------------------------------|---|--------------------------------|-----------------------|---|-------------------------------------|
| PHARMACEUTICAL ANALYSIS & QUALITY ASSURANCE - 04 | OPEN ELECTIVE-II | Spectral Analysis | Advanced Pharmaceutical Analysis – II | ELECTIVE-II | | Quality Assurance | Open elective II Pharmaceutical Management-II | OPEN ELECTIVE II |
| | Nano Based Drug Delivery Systems | | | Biostatistics And Research Methodology | | | | Stability of Drugs and Dosage Forms |
| | Nutraceuticals | | | Screening Methods & Clinical Research | | | | |
| | Pharmaceutical Product development and Management | | | | | | | |
| HOSPITAL & CLINICAL PHARMACY-05 | OPEN ELECTIVE-II | Pathophysiology and Applied Pharmacotherapeutics-II | | ELECTIVE-II | OPEN ELECTIVE-II | Hospital Pharmacy | core Clinical Pharmacokinetics and Therapeutic Drug Monitoring | OPEN ELECTIVE-II |
| | Nano Based Drug Delivery Systems | | | Biostatistics And Research Methodology | | | | Stability of Drugs and Dosage Forms |
| | Nutraceuticals | | | Screening Methods & Clinical Research | Advanced Drug Delivery Systems | | | |
| | Clinical Toxicology | | | | | | | |
| QUALITY ASSURANCE -06 | OPEN ELECTIVE-II | Spectral analysis | Advanced pharmaceutical analysis-II | ELECTIVE II | | Quality assurance | Open electiveII Pharmaceutical Management-II | OPEN ELECTIVE-II |
| | Nano based drug delivery systems | | | Biostatistics and research methodology | | | | Stability of drugs and dosage forms |
| | Nutraceuticals | | | Screening Methods And Clinical Research | | | | |
| | Pharmaceutical Product Development And Management | | | | | | | |



DATE: 24-10-2018

T. Naye A. T. Naye

24/10/18

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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD - 500 085

EXAMINATION BRANCH

TIME TABLE

IV YEAR B.PHARM-II SEMESTER -R16, R15, R13, R09 REGULATION-REGULAR/SUPPLEMENTARY EXAMINATIONS SEPTEMBER-2020

TIME → FN: 10.30 AM TO 12.30 PM

| course | R16 | R15 | R13 | R09 |
|---|--|--|--|--|
| 16-09-2020 WEDNESDAY | Novel Drug Delivery Systems | Novel Drug Delivery Systems and Regulatory Affairs | Novel Drug Delivery Systems and Regulatory Affairs | Pharmacognosy III |
| 18-09-2020 FRIDAY | Clinical Pharmacy | Pharmaceutical Biotechnology | Pharmaceutical Biotechnology | Novel Drug Delivery Systems and Regulatory |
| 20-09-2020 (Sunday) 21-09-2020 MONDAY | Pharmaceutical Biotechnology | Pharmaceutical Analysis II | Pharmaceutical Analysis II | Clinical Pharmacy and Therapeutics |
| 23-09-2020 WEDNESDAY | Pharmacognosy - III | Human Values and Professional Ethics | Human Values and Professional Ethics | Medicinal Chemistry III |
| 25-09-2020 FRIDAY | Nano Technology Pharmacoepidemiology, Pharmacoeconomics and pharmacovigilance Medicinal Plant Biotechnology | Clinical Pharmacy Practice | Clinical Pharmacy Practice | Pharmaceutical Biotechnology |

DATE: 31-08-2020



PRINCIPAL

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SHRIGUDA, Brahmapotnam M.L. R.R.Dist. 501 510

SH. R. DIST-501 510

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1. ANY OMISSIONS OR ERRORS IN THIS TIME TABLE SHALL BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY
10. EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL

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EXAMINATION BRANCH

III YEAR B.PHARM-II SEMESTER – R 17, R16 REGULATION- REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

TIME TABLE FOR SUBSTITUTE SUBJECTS FOR READMITTED STUDENTS

TIMETABLE

| DATE , DAY AND SESSION | R17 |
|--|-----------------------------|
| 21-07-2020 TUESDAY AN: 1.00 PM to 3.00 PM | Medicinal Chemistry-I |
| Day of exam(10) | Pharmaceutical Microbiology |

DATE: 03-06-2020

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NOTE:

- ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY
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T. Nagesh Achari

A. Nagesh
8/6/2020

PRINCIPAL
Sri Indu Institute of Pharmacy
SHARIGUDA, Ibrahimpatnam
R. R. DIST-501 508

8/6/2020

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KUKATPALLY - HYDERABAD - 500 085

EXAMINATION BRANCH

TIME TABLE

II YEAR B.PHARM-II SEMESTER – R17,R16,R15,R13,R09 REGULATION- REGULAR/SUPPLEMENTARY EXAMINATIONS JULY-2020

TIME → FN: 10:00 AM TO 12:00 NOON

| COURSE | R17 | R16 | R15 | R13 | R09 |
|---|---|---|---------------------------------------|--------------------------------------|---|
| 17-07-2020 FRIDAY Day of exam(8) | Pharmaceutical Organic Chemistry-III | PHARMACEUTICAL UNIT OPERATIONS – II | PHARMACEUTICAL UNIT OPERATIONS -II | PHARMACEUTICAL UNIT OPERATIONS-II | PHARMACEUTICAL UNIT OPERATIONS-II |
| 21-07-2020 TUESDAY Day of exam(10) | Medicinal Chemistry-I | BIOCHEMISTRY | PHARMACEUTICAL BIOCHEMISTRY | PHARMACEUTICAL BIOCHEMISTRY | ENVIRONMENTAL SCIENCE |
| 23-07-2020 THURSDAY Day of exam(12) | Physical Pharmaceutics-II | PHARMACEUTICAL JURISPRUDENCE | PHARMACOGNOSY- I | PHARMACOGNOSY-I | PHARMACOGNOSY-I |
| 25-07-2020 SATURDAY Day of exam(14) | Pharmacology-I | PHYSICAL PHARMACY-II | PHYSICAL PHARMACY- II | PHYSICAL PHARMACY-II | PHARMACEUTICAL ANALYSIS - I |
| 28-07-2020 TUESDAY Day of exam(16) | Pharmacognosy and Phytochemistry-I | OPEN ELECTIVES INTELLECTUAL PROPERTY RIGHTS HERBAL DRUGS TECHNOLOGY GREEN CHEMISTRY | ENVIRONMENTAL STUDIES | ENVIRONMENTAL STUDIES | PHYSICAL PHARMACY - II DISPENSING AND HOSPITAL PHARMACY |

DATE: 03-06-2020

Sd/-

CONTROLLER OF EXAMINATIONS

NOTE: (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

T. Naga. Aram



A. M. S.
8/6/2020

STITUTE L
V. Ibrahim
R.R. Dist. Hyderabad

8/6/2020

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD - 500085

EXAMINATION BRANCH

I YEAR B.PHARMACY- II SEMESTER- R16 REGULATION -SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → AN:1.00 PM TO 3.00 PM

| BRANCH | DATE, SESSION AND DAY | | | | |
|------------|---------------------------------------|--|-------------------------|--|--|
| | 16-07-2020 THURSDAY | 18-07-2020 SATURDAY | 22-07-2020 WEDNESDAY | 24-07-2020 FRIDAY | 27-07-2020 MONDAY |
| | Day of Exam (7) | Day of Exam (9) | Day of Exam (11) | Day of Exam (13) | Day of Exam (15) |
| B.PHARMACY | PHARMACEUTICAL INORGANIC CHEMISTRY | PHARMACEUTICAL ORGANIC CHEMISTRY - II | PHYSICAL PHARMACY - I | STATISTICAL METHODS AND COMPUTER APPLICATIONS | ANATOMY, PHYSIOLOGY AND HEALTH EDUCATION - II |

DATE:03-06-2020

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CONTROLLER OF EXAMINATIONS

NOTE:

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T. Nagesh Kumar



8/6/2020

STITUTEL
Shenoi (V), Ibrahim
R.R.Dist. Hyderabad

8/6/2020

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KUKATPALLY - HYDERABAD - 500085

EXAMINATION BRANCH

I YEAR B.PHARMACY II-SEMESTER- R17 REGULATION REGULAR/ SUPPLEMENTARY EXAMINATIONS JULY-2020

T I M E T A B L E

TIME → AN: 1.00 PM TO 3.00 PM

| BRANCH | DATE, SESSION AND DAY | | | | |
|------------|------------------------------------|---------------------------------------|-------------------------|----------------------|--------------------------------------|
| | 16-07-2020 THURSDAY | 18-07-2020 SATURDAY | 22-07-2020 WEDNESDAY | 24-07-2020 FRIDAY | 27-07-2020 MONDAY |
| | Day of Exam (7) | Day of Exam (9) | Day of Exam (11) | Day of Exam (13) | Day of Exam (15) |
| B.PHARMACY | HUMAN ANATOMY AND PHYSIOLOGY II | PHARMACEUTICAL ORGANIC CHEMISTRY I | BIOCHEMISTRY | PATHOPHYSIOLOGY | COMPUTER APPLICATIONS IN PHARMACY |

DATE: 03-06-2020

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CONTROLLER OF EXAMINATIONS

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T. Naga Aravam



A. M. S. 8/6/2020

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SHRI INSTITUTE
Shri M. P. S.
R.R. Dist. Hyderabad

8/6/2020

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KUKATPALLY - HYDERABAD - 500085

EXAMINATION BRANCH

1 YEAR B.PHARMACY II-SEMESTER- R17 REGULATION SUPPLEMENTARY EXAMINATIONS DEC- 2018/JAN-2019

T I M E T A B L E

TIME → FN:10.00 AM TO 01.00 PM

| BRANCH | DATE, SESSION AND DAY | | | | |
|------------|------------------------------------|---------------------------------------|----------------------|----------------------|--------------------------------------|
| | 31-12-2018 MONDAY | 02-01-2019 WEDNESDAY | 04-01-2019 FRIDAY | 07-01-2019 MONDAY | 09-01-2019 WEDNESDAY |
| B.PHARMACY | HUMAN ANATOMY AND PHYSIOLOGY II | PHARMACEUTICAL ORGANIC CHEMISTRY I | BIOCHEMISTRY | PATHOPHYSIOLOGY | COMPUTER APPLICATIONS IN PHARMACY |

DATE: 01-11-2018

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CONTROLLER OF EXAMINATIONS

NOTE:

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T. Naga Arjun

3/12/18



Sri Indu Institute of Pharmacy
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.
19/11/18

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY - HYDERABAD - 500 085

EXAMINATION BRANCH

II YEAR B.PHARMACY II SEMESTER- R17- I MID TERM EXAMINATIONS, FEBRUARY- 2019

REVISED T I M E T A B L E S

TIME → FN: 10.00 AM TO 11.30 AM

AN: 02.00 PM TO 03.30 PM

| COURSE YEAR & SEM. | DATE & DAY | | | | |
|-------------------------------|---|---------------------------|------------------------------|--------------------------|------------------------------------|
| | 18-02-2019 FN MONDAY | 18-02-2019 AN MONDAY | 19-02-2019 FN TUESDAY | 19-02-2019 AN TUESDAY | 20-02-2019 FN WEDNESDAY |
| B.PHARMACY II YEAR II SEM. | Pharmaceutical Organic Chemistry-III | Medicinal Chemistry- I | Physical Pharmaceutics-II | Pharmacology-I | Pharmacognosy and Phytochemistry-I |

III YEAR B.PHARMACY II SEMESTER- R16- I MID TERM EXAMINATIONS, FEBRUARY- 2019

TIME → FN: 10.00 AM TO 11.30 AM

AN: 02.00 PM TO 03.30 PM

| COURSE YEAR & SEM. | DATE & DAY | | | | |
|--------------------------------|-------------------------|-----------------------------------|--------------------------|----------------------------------|-----------------------------------|
| | 18-02-2019 FN MONDAY | 18-02-2019 AN MONDAY | 19-02-2019 FN TUESDAY | 19-02-2019 AN TUESDAY | 20-02-2019 FN WEDNESDAY |
| B.PHARMACY III YEAR II SEM. | Medicinal Chemistry - I | Pharmaceutical Technology - II | Pharmacology - II | Chemistry of Natural Products | Open Elective - III |
| | | | | | Generic Product Development |
| | | | | | Drug Design and Discovery |
| | | | | | Screening Methods in Pharmacology |

IV YEAR B.PHARMACY II SEMESTER- R-15 I MID TERM EXAMINATIONS, FEBRUARY- 2019

TIME → FN: 10.00 AM TO 11.30 AM

AN: 02.00 PM TO 03.30 PM

| COURSE YEAR & SEM. | DATE & DAY | | | | |
|-------------------------------|--|---------------------------------|-------------------------------|--|----------------------------|
| | 18-02-2019 FN MONDAY | 18-02-2019 AN MONDAY | 19-02-2019 FN TUESDAY | 19-02-2019 AN TUESDAY | 20-02-2019 FN WEDNESDAY |
| B.PHARMACY IV YEAR II SEM. | NOVEL DRUG DELIVERY SYSTEMS AND REGULATORY AFFAIRS | PHARMACEUTICAL BIOTECHNOLOGY | PHARMACEUTICAL ANALYSIS II | HUMAN VALUES AND PROFESSIONAL ETHICS | CLINICAL PHARMACY PRACTICE |

- (i) ANY OMISSIONS OR CLASHES IN THIS TIME TABLE MAY PLEASE BE INFORMED TO THE CONTROLLER OF EXAMINATIONS IMMEDIATELY.
(ii) EVEN IF GOVERNMENT DECLARES HOLIDAY ON ANY OF THE ABOVE DATES, THE EXAMINATIONS SHALL BE CONDUCTED AS USUAL.

DATE: 31-01-2019

SD/-
CONTROLLER OF EXAMINATIONS





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KUKATPALLY - HYDERABAD - 500 085
EXAMINATION BRANCH

TIME-TABLE

PHARM D I-YEAR SUPPLEMENTARY EXAMINATIONS OCTOBER-2018

Time: 10.00 AM to 1.00 PM

| DATE & DAY | SUBJECTS |
|------------------------|------------------------------------|
| 22-10-2018 MONDAY | HUMAN ANATOMY AND PHYSIOLOGY |
| 25-10-2018 THURSDAY | PHARMACEUTICS |
| 29-10-2018 MONDAY | MEDICINAL BIOCHEMISTRY |
| 01-11-2018 THURSDAY | PHARMACEUTICAL ORGANIC CHEMISTRY |
| 03-11-2018 SATURDAY | PHARMACEUTICAL INORGANIC CHEMISTRY |
| 06-11-2018 TUESDAY | REMEDIAL MATHEMATICS / BIOLOGY |

**NOTE: ANY CLASHES / OMISSIONS IN THIS TIME-TABLE MAY BE
BROUGHT TO THE NOTICE OF THE UNDERSIGNED.**

Dt: 15-09-2018

T. Naga Aparna
M. Kavya

[Signature]
20/9/18

CONTROLLER OF EXAMINATIONS

PRINCIPAL

Bri Indu Institute of Pharmacy
CHERIGUDA, Ibrahimpatnam
R. R. DIST-501 505





SRI INDU INSTITUTE OF PHARMACY
Sheriguda, Ibrahimpatnam, R.R.Dist-501 510
I MID EXAM TIME TABLE

Dt: 18.09.2018

| | Subjects | | | | |
|-------------|--------------------------------------|------------------------------|--------------------------------------|---|---|
| Date | PHARM D II Y | PHARM D III Y | PHARM D IV Y | PHARM D V Y | PHARM D (P.B) II Y |
| 24.09.2018 | Pathophysiology | Pharmacology-II | Pharmacotherapeutics-III | | |
| 25.09.2018 | Pharmaceutical Microbiology | Pharmaceutical Analysis | Hospital Pharmacy | | |
| 26.09.2018 | Pharmacognosy & Phytopharmaceuticals | Pharmacotherapeutics-II | Clinical Pharmacy | | |
| 27.09.2018 | Pharmacology-I | Pharmaceutical Jurisprudence | Biostatistics & Research Methodology | Clinical Research | Clinical Research |
| 28.09.2018 | Community Pharmacy | Medicinal Chemistry | Biopharmaceutics & Pharmacokinetics | Pharmacoepidemiology and Pharmacoeconomics | Pharmacoepidemiology and Pharmacoeconomics |
| 29.09.2018 | Pharmacotherapeutics-I | Pharmaceutical Formulations | Clinical Toxicology | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring | Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring |

EXAM BRANCH

T. Naga Aparna
M. Kavya

ACADEMIC DIRECTOR



PRINCIPAL

PRINCIPAL
Sri Indu Institute of Pharmacy
SHERIGUDA, Ibrahimpatnam
R.R. DIST-501 505

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KUKATPALLY-HYDERABAD-5000 85

EXAMINATION BRANCH

II YEAR B.PHARM - I SEMESTER -R16, R15 ,R13,R09,R07 REGULATIONS- SUPPLEMENTARY EXAMINATIONS APRIL/MAY-2018**TIMETABLE****TIME : 2:00 PM TO 5:00 PM**

| DATE & DAY | R16 | R15 | R13 | R09 | R07 |
|-----------------------|--|--|---|--|--|
| 08-05-2018 TUESDAY | PHARMACEUTICAL ORGANIC CHEMISTRY - III | PHYSICAL PHARMACY - I | PHYSICAL PHARMACY - I | PHARMACEUTICAL UNIT OPERATIONS - I | MANAGEMENT SCIENCE |
| | | | | | STATISTICAL METHODS&COMP.APPLICATIONS |
| 11-05-2018 FRIDAY | PHARMACOGNOSY I | STATISTICAL METHODS & COMPUTER APPLICATIONS | STATISTICAL METHODS & COMPUTER APPLICATIONS | PHARMACEUTICAL ORGANIC CHEMISTRY-II | HEALTH EDUCATION & PATHOPHYSIOLOGY |
| 15-05-2018 TUESDAY | HOSPITAL AND COMMUNITY PHARMACY | ANATOMY PHYSIOLOGY & PATHOPHYSIOLOGY | ANATOMY PHYSIOLOGY & PATHOPHYSIOLOGY | STATISTICAL METHODS & COMPUTER APPLICATIONS | PHARMACEUTICAL UNIT OPERATIONS-I |
| 18-05-2018 FRIDAY | PHARMACEUTICAL UNIT OPERATIONS - I | PHARMACEUTICAL UNIT OPERATIONS - I | PHARMACEUTICAL UNIT OPERATIONS - I | PHYSICAL PHARMACY - I | PHARMACEUTICAL ORGANIC CHEMISTRY-II |
| | | | | DISPENSING AND HOSPITAL PHARMACY | |
| 21-05-2018 MONDAY | PHARMACEUTICAL ANALYSIS-I | PHARMACEUTICAL ORGANIC CHEMISTRY - II | PHARMACEUTICAL ORGANIC CHEMISTRY-II | ANATOMY PHYSIOLOGY & PATHOPHYSIOLOGY | PHYSICAL PHARMACY - II |
| | | | | HEALTH EDUCATION AND PATHOPHYSIOLOGY | |

DATE:17-03-2018

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BERIGUDA, Ibrahimpatnam Med
B. R. DIST-501 505



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T. Nage Ag. on
M. K. V. R.

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KUKATPALLY-HYDERABAD-5000 85

EXAMINATION BRANCH

III YEAR B.PHARM - I SEMESTER-- R15 , R13,R09,R07 REGULATIONS- SUPPLEMENTARY EXAMINATIONS APRIL/MAY-2018

TIMETABLE

TIME: 10:00 AM TO 1:00 PM

| DATE & DAY | R15 | R13 | R09 | R07 |
|-------------------------|-------------------------------|-----------------------------|-------------------------------|-------------------------------|
| 01-05-2018 TUESDAY | PHARMACEUTICAL ANALYSIS-I | PHARMACEUTICAL ANALYSIS -I | PHARMACEUTICAL MICROBIOLOGY | PHARMACEUTICAL BIOCHEMISTRY |
| 10-05-2018 THURSDAY | PHARMACEUTICAL MICROBIOLOGY | PHARMACEUTICAL MICROBIOLOGY | PHARMACEUTICAL BIOCHEMISTRY | PHARMACEUTICAL MICROBIOLOGY |
| | | | | PHARMACEUTICAL ANALYSIS - I |
| 14-05-2018 MONDAY | PHARMACOGNOSY - II | PHARMACOGNOSY-II | PHARMACOLOGY - I | PHARMACOGNOSY - II |
| | | | | MANAGEMENT SCIENCE |
| 16-05-2018 WEDNESDAY | PHARMACEUTICAL TECHNOLOGY - I | PHARMACEUTICAL TECHNOLOGY-I | PHARMACOGNOSY - II | PHARMACEUTICAL TECHNOLOGY - I |
| 19-05-2018 SATURDAY | PHARMACOLOGY - I | PHARMACOLOGY-I | PHARMACEUTICAL TECHNOLOGY - I | PHARMACOLOGY - I |

DATE:17-03-2018

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SERIGUDA, Ibrahimpatnam
M. N. DIST-501 508

CONTROLLER OF EXAMINATIONS



NOTE:

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T. Nagesh
M. Kavya

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

KUKATPALLY-HYDERABAD-5000 85

EXAMINATION BRANCH

IV YEAR B.PHARM - I SEMESTER - R13,R09,R07 REGULATIONS- SUPPLEMENTARY EXAMINATIONS APRIL/MAY-2018**TIMETABLE****TIME : 10:00 AM TO 1:00 PM**

| DATE& DAY | R13 | R09 | R07 |
|-----------------------|--|--|--|
| 08-05-2018 TUESDAY | BIOPHARMACEUTICS & PHARMACOKINETICS | BIOPHARMACEUTICS AND PHARMACOKINETICS | PHARMACEUTICAL ANALYSIS-II |
| 11-05-2018 FRIDAY | PHARMACOGNOSY III | PHARMACEUTICAL ANALYSIS - II | PHARMACY ADMINISTRATION |
| 15-05-2018 TUESDAY | PHARMACOLOGY-III | PHARMACOLOGY III | MEDICINAL CHEMISTRY-II |
| 18-05-2018 FRIDAY | MEDICINAL CHEMISTRY - II | MEDICINAL CHEMISTRY II | BIOPHARMACEUTICS AND PHARMACOKINETICS |
| 21-05-2018 MONDAY | PHARMACY ADMINISTRATION | PHARMACY ADMINISTRATION | PHARMACOLOGY-III |

DATE: 17-03-2018


Sd/-
CONTROLLER OF EXAMINATIONS**NOTE:**

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T. Nage A. Ram
M. Kavya

PRINCIPAL
Dr. Indu Institute of Pharmacy
GENIGUDA, Ibrahimpatnam M.D.
B. R. DIST-501 501







भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं. 19] नई दिल्ली, शनिवार, मई 10—मई 16, 2008 (वैशाख 20, 1930)
No. 19] NEW DELHI, SATURDAY, MAY 10—MAY 16, 2008 (VAISAKHA 20, 1930)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 4

[PART III—SECTION 4]

[सांविधिक निकायों द्वारा जारी की गई विविध अधिसूचनाएं जिसमें कि आदेश, विज्ञापन और सूचनाएं सम्मिलित हैं]
[Miscellaneous Notifications including Notifications, Orders, Advertisements and Notices issued by Statutory Bodies]

भारतीय रिज़र्व बैंक

मुंबई-400001, दिनांक 9 अप्रैल 2008

संदर्भ : बैंपवि. सं. आईबीडी.-14241/23.13.048/2007-08--भारतीय रिज़र्व बैंक अधिनियम, 1934 (1934 का 2) की धारा 42 की उप-धारा (6) के खण्ड (ग) के अनुसरण में भारतीय रिज़र्व बैंक इसके द्वारा निदेश देता है कि उक्त अधिनियम की दूसरी अनुसूची में निम्नलिखित परिवर्तन किये जाएं :—

“अरब बांग्लादेश बैंक लिमिटेड” शब्दों के स्थान पर “एबी बैंक लिमिटेड” शब्द होंगे।

A.M.S.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Laxmipatnam (M),
R.R. Dist. Hyderabad-501 510.



आनन्द सिन्हा
कार्यपालक निदेशक

[PUBLISHED IN THE GAZETTE OF INDIA, No.19, PART III, SECTION 4]

Ministry of Health and Family Welfare
(Pharmacy Council of India)

New Delhi, 10th May, 2008.

Pharm.D. Regulations 2008

Regulations framed under section 10 of the Pharmacy Act, 1948 (8 of 1948).

(As approved by the Government of India, Ministry of Health vide, letter No.V.13013/1/2007-PMS, dated the 13th March, 2008 and notified by the Pharmacy Council of India).

No.14-126/2007-PCI.— In exercise of the powers conferred by section 10 of the Pharmacy Act, 1948 (8 of 1948), the Pharmacy Council of India, with the approval of the Central Government, hereby makes the following regulations, namely:-

CHAPTER-I

1. Short title and commencement. – (1) These regulations may be called the Pharm.D. Regulations 2008.
(2) They shall come into force from the date of their publication in the official Gazette.
2. Pharm.D. shall consist of a certificate, having passed the course of study and examination as prescribed in these regulations, for the purpose of registration as a pharmacist to practice the profession under the Pharmacy Act, 1948.

A. M. S.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.



CHAPTER-II

3. Duration of the course. –

- a) Pharm.D: The duration of the course shall be six academic years (five years of study and one year of internship or residency) full time with each academic year spread over a period of not less than two hundred working days. The period of six years duration is divided into two phases –

Phase I – consisting of First, Second, Third, Fourth and Fifth academic year.

Phase II – consisting of internship or residency training during sixth year involving posting in speciality units. It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services and acquires skill under supervision so that he or she may become capable of functioning independently.

- b) Pharm.D. (Post Baccalaureate): The duration of the course shall be for three academic years (two years of study and one year internship or residency) full time with each academic year spread over a period of not less than two hundred working days. The period of three years duration is divided into two phases –

Phase I – consisting of First and Second academic year.

Phase II – consisting of Internship or residency training during third year involving posting in speciality units. It is a phase of training wherein a student is exposed to actual pharmacy practice or clinical pharmacy services, and acquires skill under supervision so that he or she may become capable of functioning independently.

4. Minimum qualification for admission to. –

- a) Pharm.D. Part-I Course – A pass in any of the following examinations -

(1) 10+2 examination with Physics and Chemistry as compulsory subjects along with one of the following subjects:

Mathematics or Biology.

(2) A pass in D.Pharm course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

(3) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.

Provided that a student should complete the age of 17 years on or before 31st December of the year of admission to the course.

Provided that there shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration as the case may be from time to time.

A. M. S.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
 Sheriguda (V), Ibrahimpatnam (M),
 R.R. Dist. Hyderabad-501 510.



b) Pharm.D. (Post Baccalaureate) Course -

A pass in B.Pharm from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act;

Provided that there shall be reservation of seats for the students belonging to the Scheduled Castes, Scheduled Tribes and other Backward Classes in accordance with the instructions issued by the Central Government/State Government/Union Territory Administration as the case may be from time to time.


5. Number of admissions in the above said programmes shall be as prescribed by the Pharmacy Council of India from time to time and presently be restricted as below -
 - i) Pharm.D. Programme - 30 students.
 - ii) Pharm.D. (Post Baccalaureate) Programme - 10 students.
6. Institutions running B.Pharm programme approved under section 12 of the Pharmacy Act, will only be permitted to run Pharm.D. programme. Pharm.D. (Post Baccalaureate) programme will be permitted only in those institutions which are permitted to run Pharm.D. programme.
7. Course of study. - The course of study for Pharm.D. shall include the subjects as given in the Tables below. The number of hours in a week, devoted to each subject for its teaching in theory, practical and tutorial shall not be less than that noted against it in columns (3), (4) and (5) below.

TABLES

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


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 R.R. Dist. Hyderabad-501 510.



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 |

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 |

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PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
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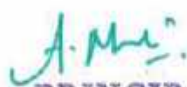
Fourth Year:

| 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 |

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.


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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

8. Syllabus. – The syllabus for each subject of study in the said Tables shall be as specified in Appendix -A to these regulations.
 9. Approval of the authority conducting the course of study. – (1) No person, institution, society or university shall start and conduct Pharm.D or Pharm.D. (Post Baccalaureate) programme without the prior approval of the Pharmacy Council of India.
 - (2) Any person or pharmacy college for the purpose of obtaining permission under sub-section (1) of section 12 of the Pharmacy Act, shall submit a scheme as prescribed by the Pharmacy Council of India.
 - (3) The scheme referred to in sub-regulation (2) above, shall be in such form and contain such particulars and be preferred in such manner and be accompanied with such fee as may be prescribed:
- Provided that the Pharmacy Council of India shall not approve any institution under these regulations unless it provides adequate arrangements for teaching in regard to building, accommodation, labs., equipments, teaching staff, non-teaching staff, etc., as specified in Appendix-B to these regulations.
10. Examination. – (1) Every year there shall be an examination to examine the students.
 - (2) Each examination may be held twice every year. The first examination in a year shall be the annual examination and the second examination shall be supplementary examination.
 - (3) The examinations shall be of written and practical (including oral nature) carrying maximum marks for each part of a subject as indicated in Tables below :

TABLES**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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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 |

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 |

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 examination :

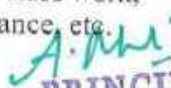
| S.No. | Name of Subject | Maximum marks for Theory | | | Maximum marks for Practicals | | |
|-------|---|--------------------------|-----------|-------|------------------------------|-----------|-----------|
| | | Examination | Sessional | Total | Examination | Sessional | Total |
| 5.1 | Clinical 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

11. Eligibility for appearing Examination.— Only such students who produce certificate from the Head of the Institution in which he or she has undergone the Pharm.D. or as the case may be, the Pharm.D. (Post Baccalaureate) course, in proof of his or her having regularly and satisfactorily undergone the course of study by attending not less than 80% of the classes held both in theory and in practical separately in each subject shall be eligible for appearing at examination.
12. Mode of examinations.— (1) Theory examination shall be of three hours and practical examination shall be of four hours duration.
 - (2) A Student who fails in theory or practical examination of a subject shall re-appear both in theory and practical of the same subject.
 - (3) Practical examination shall also consist of a viva –voce (Oral) examination.
 - (4) Clerkship examination – Oral examination shall be conducted after the completion of clerkship of students. An external and an internal examiner will evaluate the student. Students may be asked to present the allotted medical cases followed by discussion. Students' capabilities in delivering clinical pharmacy services, pharmaceutical care planning and knowledge of therapeutics shall be assessed.
13. Award of sessional marks and maintenance of records.— (1) A regular record of both theory and practical class work and examinations conducted in an institution imparting training for Pharm.D. or as the case may be, Pharm.D. (Post Baccalaureate) course, shall be maintained for each student in the institution and 30 marks for each theory and 30 marks for each practical subject shall be allotted as sessional.
 - (2) There shall be at least two periodic sessional examinations during each academic year and the highest aggregate of any two performances shall form the basis of calculating sessional marks.
 - (3) The sessional marks in practicals shall be allotted on the following basis:-
 - (i) Actual performance in the sessional examination (20 marks);
 - (ii) Day to day assessment in the practical class work, promptness, viva-voce record maintenance, etc. (10 marks).


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14. Minimum marks for passing examination.— A student shall not be declared to have passed examination unless he or she secures at least 50% marks in each of the subjects separately in the theory examinations, including sessional marks and at least 50% marks in each of the practical examinations including sessional marks. The students securing 60% marks or above in aggregate in all subjects in a single attempt at the Pharm.D. or as the case may be, Pharm. D. (Post Baccalaureate) course examination shall be declared to have passed in first class. Students securing 75% marks or above in any subject or subjects shall be declared to have passed with distinction in the subject or those subjects provided he or she passes in all the subjects in a single attempt.
15. Eligibility for promotion to next year.— All students who have appeared for all the subjects and passed the first year annual examination are eligible for promotion to the second year and, so on. However, failure in more than two subjects shall debar him or her from promotion to the next year classes.
16. Internship.— (1) Internship is a phase of training wherein a student is expected to conduct actual practice of pharmacy and health care and acquires skills under the supervision so that he or she may become capable of functioning independently.
(2) Every student has to undergo one year internship as per Appendix-C to these regulations.
17. Approval of examinations.— Examinations mentioned in regulations 10 to 12 and 14 shall be held by the examining authority hereinafter referred to as the university, which shall be approved by the Pharmacy Council of India under sub-section (2) of section 12 of the Pharmacy Act, 1948. Such approval shall be granted only if the examining authority concerned fulfills the conditions as specified in Appendix-D to these regulations.
18. Certificate of passing examination.— Every student who has passed the examinations for the Pharm.D. (Doctor of Pharmacy) or Pharm.D. (Post Baccalaureate) (Doctor of Pharmacy) as the case may be, shall be granted a certificate by the examining authority.

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CHAPTER-III

Practical training

19. Hospital posting.— Every student shall be posted in constituent hospital for a period of not less than fifty hours to be covered in not less than 200 working days in each of second, third & fourth year course. Each student shall submit report duly certified by the preceptor and duly attested by the Head of the Department or Institution as prescribed. In the fifth year, every student shall spend half a day in the morning hours attending ward rounds on daily basis as a part of clerkship. Theory teaching may be scheduled in the afternoon.
20. Project work.— (1) To allow the student to develop data collection and reporting skills in the area of community, hospital and clinical pharmacy, a project work shall be carried out under the supervision of a teacher. The project topic must be approved by the Head of the Department or Head of the Institution. The same shall be announced to students within one month of commencement of the fifth year classes. Project work shall be presented in a written report and as a seminar at the end of the year. External and the internal examiners shall do the assessment of the project work.
- (2) Project work shall comprise of objectives of the work, methodology, results, discussions and conclusions.
21. Objectives of project work.— The main objectives of the project work is to—
- show the evidence of having made accurate description of published work of others and of having recorded the findings in an impartial manner; and
 - develop the students in data collection, analysis and reporting and interpretation skills.
22. Methodology.— To complete the project work following methodology shall be adopted, namely:—
- students shall work in groups of not less than *two* and not more than *four* under an authorised teacher;
 - project topic shall be approved by the Head of the Department or Head of the Institution;
 - project work chosen shall be related to the pharmacy practice in community, hospital and clinical setup. It shall be patient and treatment (Medicine) oriented, like drug utilisation reviews, pharmacoepidemiology, pharmacovigilance or pharmacoconomics;
 - project work shall be approved by the institutional ethics committee;
 - student shall present at least three seminars, one in the beginning, one at middle and one at the end of the project work; and
 - two-page write-up of the project indicating title, objectives, methodology anticipated benefits and references shall be submitted to the Head of the Department or Head of the Institution.




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23. Reporting .— (1) Student working on the project shall submit jointly to the Head of the Department or Head of the Institution a project report of about 40-50 pages. Project report should include a certificate issued by the authorised teacher, Head of the Department as well as by the Head of the Institution
- (2) Project report shall be computer typed in double space using Times Roman font on A4 paper. The title shall be in bold with font size 18, sub-titles in bold with font size 14 and the text with font size 12. The cover page of the project report shall contain details about the name of the student and the name of the authorised teacher with font size 14.
- (3) Submission of the project report shall be done at least one month prior to the commencement of annual or supplementary examination.

24. Evaluation.— The following methodology shall be adopted for evaluating the project work—

- (i) Project work shall be evaluated by internal and external examiners.
- (ii) Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of four students).
- (iii) Three seminars presented by students shall be evaluated for twenty marks each and the average of best two shall be forwarded to the university with marks of other subjects.

(iv) Evaluation shall be done on the following items:

| | Marks |
|-------------------------------|-------------------|
| a) Write up of the seminar | (7.5) |
| b) Presentation of work | (7.5) |
| c) Communication skills | (7.5) |
| d) Question and answer skills | (7.5) |
| Total | (30 marks) |

(v) Final evaluation of project work shall be done on the following items:

| | Marks |
|-------------------------------|-------------------|
| a) Write up of the seminar | (17.5) |
| b) Presentation of work | (17.5) |
| c) Communication skills | (17.5) |
| d) Question and answer skills | (17.5) |
| Total | (70 marks) |

Explanation.— For the purposes of differentiation in the evaluation in case of topic being the same for the group of students, the same shall be done based on item numbers b, c and d mentioned above.



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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Act No.30 of 2008)
Kukatpally, Hyderabad-500085, Telangana State (India)

Academic Regulations of M.Pharm. (Regular/Full Time) Programmes, 2019-20 (R19)
(CBCS)
(Effective for the students admitted into 1 year from the Academic Year 2019-20 and onwards)

- 1.0 **Post-Graduate Degree Programmes in Pharmacy (PGP in Pharmacy)** Jawaharlal Nehru Technological University Hyderabad (JNTUH) offers **Two Years (Four Semesters)** full-time Master of Pharmacy (M.Pharm.) Degree programmes, under Choice Based Credit System (CBCS) at its constituent (non-autonomous) and affiliated colleges in different specializations.
- 2.0 **Eligibility for Admissions**
 - 2.1 Admission to the PGPs shall be made subject to eligibility, qualification and specializations prescribed by the University from time to time, for each specialization under each M.Pharm. programme.
 - 2.2 Admission to the post graduate programme shall be made on the basis of either the merit rank or Percentile obtained by the qualified student in the relevant qualifying GPAT Examination/ the merit rank obtained by the qualified student in an entrance test conducted by Telangana State Government (PGECET) for M.Pharm. programmes / an entrance test conducted by JNTUH/ on the basis of any other exams approved by the University, subject to reservations as laid down by the Govt. from time to time.
 - 2.3 The medium of instructions for all PG Programmes will be **ENGLISH** only.
- 3.0 **M.Pharm. Programme (PGP in Pharmacy) Structure**
 - 3.1 The M.Pharm. Programmes in Pharmacy of JNTUH are of Semester pattern, with **Four** Semesters consisting of **Two** academic years, each academic year having **Two** Semesters (First/Odd and Second/Even Semesters). Each Semester shall be of 22 weeks duration (inclusive of Examinations), with a minimum of 90 instructional days per Semester.
 - 3.2 The student shall not take more than four academic years to fulfill all the academic requirements for the award of M.Pharm. degree from the date of commencement of first year first semester, failing which the student shall forfeit the seat in M.Pharm. programme.
 - 3.3 **UGC/AICTE** specified definitions/descriptions are adopted appropriately for various terms and abbreviations used in these PG academic regulations, as listed below:
 - 3.3.1 **Semester Scheme**

Each Semester shall have 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)'. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) are taken as 'references' for the present set of Regulations. The terms 'SUBJECT' and 'COURSE' imply the same meaning here and refer to 'Theory Subject', or 'Lab Course', or 'Design/Drawing Subject', or 'Mini Project with Seminar', or 'Dissertation', as the case may be.
 - 3.3.2 **Credit Courses**

All subjects/courses are to be registered by the student in a semester to earn credits which shall be assigned to each subject/course in an L: T: P: C (Lecture Periods: Tutorial Periods: Practical Periods: Credits) structure based on the following general pattern:


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- One credit for one hour/week/semester for theory/lecture (L) courses
- One credit for two hours/ week/semester for laboratory/ practical (P) courses or tutorials (T)

Other student activities like study tour, guest lecture, conference/workshop participations, technical paper presentations and mandatory courses (**Audit Courses**) will not carry any credits.

3.3.3 Subject Course Classification

All subjects/courses offered for the Post-Graduate Programme in Pharmacy (M.Pharm. Degree Programme) are broadly classified as follows. The University has followed in general the guidelines issued by AICTE/UGC.

| S.No. | Broad Course Classification | Course Group/ Category | Course Description |
|-------|-----------------------------|-----------------------------|---|
| 1 | Core Courses (CoC) | PC- Professional Core | Includes subjects related to the Specialization in Pharmacy |
| | | Dissertation | M.Pharm. Project or PG Project or Major Project |
| | | Mini Project with Seminar | Seminar based on core contents related to the Specialization in Pharmacy |
| 2 | Elective Courses (EIE) | PE - Professional Electives | Includes elective subjects related to the Specialization in Pharmacy |
| | | OE - Open Electives | Elective subjects which include inter-disciplinary subjects or subjects in an area outside the Specialization in Pharmacy |
| 3 | Mandatory Courses | -- | Non-Credit Audit Courses |

4.0 Course Registration

- 4.1 A 'Faculty Advisor or Counselor' shall be assigned to each specialization, who will advise on the Post Graduate Programme (PGP), its Course Structure and Curriculum, Choice/Option for Subjects/ Courses, based on his competence, progress, pre-requisites and interest.
- 4.2 The Academic Section of the College invites 'Registration Forms' from students within 15 days from the commencement of class work through 'ON-LINE SUBMISSIONS', ensuring 'DATE and TIME Stamping'. The ON-LINE Registration Requests for any 'CURRENT SEMESTER' shall be completed BEFORE the commencement of SEEs (Semester End Examinations) of the 'PRECEDING SEMESTER'.
- 4.3 A Student can apply for ON-LINE Registration, ONLY AFTER obtaining the 'WRITTEN APPROVAL' from his Faculty Advisor, which should be submitted to the College Academic Section through the Head of Department (a copy of it being retained with Head of Department, Faculty Advisor and the Student).
- 4.4 If the Student submits ambiguous choices or multiple options or erroneous entries during ON-LINE Registration for the Subject(s) / Course(s) under a given/ specified Course Group/ Category as listed in the Course Structure, only the first mentioned Subject/ Course in that Category will be taken into consideration.
- 4.5 Subject/ Course Options exercised through ON-LINE Registration are final and CANNOT be changed, nor can they be inter-changed; further, alternate choices also will not be considered. However, if the Subject/ Course that has already been listed for Registration by the University in a Semester could not be offered due to unforeseen or unexpected reasons, then the Student will be allowed to have alternate

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choice either for a new Subject, if it is offered, or for another existing Subject (subject to availability of seats). Such alternate arrangements will be made by the Head of Department, with due notification and time-framed schedule, within the FIRST WEEK from the commencement of Class-work for that Semester.

5.0 Attendance Requirements

The programmes are offered based on a unit system with each subject being considered a unit. Attendance is calculated separately for each subject.

- 5.1 Attendance in all classes (Lectures/Laboratories) is compulsory. The minimum required attendance in each theory subject (*also mandatory(audit) courses*) including the attendance of mid-term examination / Laboratory etc. is 75%. Two periods of attendance for each theory subject shall be considered, if the student appears for the mid-term examination of that subject. *This attendance should also be included in the fortnightly upload of attendance to the University. The attendance of mandatory(audit) courses should be uploaded separately to the University.* A student shall not be permitted to appear for the Semester End Examinations (SEE), if his attendance is less than 75%.
- 5.2 A student's Seminar report and presentation on Mini Project shall be eligible for evaluation, only if he ensures a minimum of 75% of his attendance in Seminar presentation classes on Mini Project during that Semester.
- 5.3 **Condoning of shortage of attendance** (between 65% and 75%) up to a maximum of 10% (considering the days of attendance in sports, games, NCC, NSS activities and Medical grounds) in each subject (Theory/Lab/Mini Project with Seminar) of a semester shall be granted by the College Academic Committee on genuine reasons.
- 5.4 A prescribed fee per subject shall be payable for condoning shortage of attendance after getting the approval of College Academic Committee for the same. The College Academic Committee shall maintain relevant documents along with the request from the student.
- 5.5 Shortage of Attendance below 65% in any subject shall in **no case** be condoned.
- 5.6 A Student, whose shortage of attendance is not condoned in any Subject(s) (Theory/Lab/Mini Project with Seminar) in any Semester, is considered as 'Detained in that Subject(s), and is not eligible to write Semester End Examination(s) of such Subject(s), (In case of Mini Project with Seminar, his/her Mini Project with Seminar Report or Presentation are not eligible for evaluation) in that Semester; and he/she has to seek re-registration for those Subject(s) in subsequent Semesters, and attend the same as and when offered.
- 5.7 A student fulfills the attendance requirement in the present semester, shall not be eligible for readmission into the same class.
- 5.8 a) A student shall put in a minimum required attendance in at least **three theory subjects (excluding mandatory(audit) course)** in first Year I semester for promotion to first Year II Semester.
b) A student shall put in a minimum required attendance in at least **three theory subjects (excluding mandatory(audit) course)** in first Year II semester for promotion to second Year I Semester.
- ## 6.0 Academic Requirements

The following academic requirements must be satisfied, in addition to the attendance requirements mentioned in item no. 5. The performance of the candidate in each semester shall be evaluated subject-

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wise, with a maximum of 100 marks per subject / course (theory / practical), based on Internal Evaluation and Semester End Examination.

- 6.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/course, if he secures not less than 40% of marks (30 out of 75 marks) in the End Semester Examination, and a minimum of 50% of marks in the sum total of CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of Letter Grades and this implies securing 'B' Grade or above in a subject.
- 6.2 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to Mini Project with seminar, if student secures not less than 50% marks (i.e. 50 out of 100 allotted marks). The student would be treated as failed, if student (i) does not submit a seminar report on Mini Project or does not make a presentation of the same before the evaluation committee as per schedule or (ii) secures less than 50% marks in Mini Project with seminar evaluation. The failed student shall reappear for the above evaluation when the notification for supplementary examination is issued.
- 6.3 A student shall register for all subjects for total of 68 credits as specified and listed in the course structure for the chosen specialization, put in required the attendance and fulfill the academic requirements for securing 68 credits obtaining a minimum of 'B' Grade or above in each subject, and all 68 credits securing Semester Grade Point Average (SGPA) ≥ 6.0 (in each semester) and final Cumulative Grade Point Average (CGPA) (i.e., CGPA at the end of PGP) ≥ 6.0 , and shall **pass all the mandatory(audit) courses** to complete the PGP successfully.
- Note: (1) The SGPA will be computed and printed on the marks memo only if the candidate passes in all the subjects offered and gets minimum B grade in all the subjects.
- (2) CGPA is calculated only when the candidate passes in all the subjects offered in all the semesters
- 6.4 Marks and Letter Grades obtained in all those subjects covering the above specified 68 credits alone shall be considered for the calculation of final CGPA, which will be indicated in the Grade Card /Marks Memo of second year second semester.
- 6.5 If a student registers for extra subject(s) (in the parent specialization or other specializations of Pharmacy) other than those listed subjects totaling to 68 credits as specified in the course structure, the performance in extra subject(s) (although evaluated and graded using the same procedure as that of the required 68 credits) will not be considered while calculating the SGPA and CGPA. For such extra subject(s) registered, percentage of marks and Letter Grade alone will be indicated in the Grade Card/Marks Memo, as a performance measure, subject to completion of the attendance and academic requirements as stated in items 5 and 6.1 - 6.3.
- 6.6 When a student is detained due to shortage of attendance in any subject(s) in any semester, no Grade allotment will be made for such subject(s). However, he is eligible for re-registration of such subject(s) in the subsequent semester(s), as and when next offered, with the academic regulations of the batch into which he is re-registered, by paying the prescribed fees per subject. In all these re-registration cases, the student shall have to secure a fresh set of Internal marks and Semester End Examination marks for performance evaluation in such subject(s), and SGPA/CGPA calculations.
- 6.7 A student eligible to appear for the Semester End Examination in any subject, but absent from it or failed (failing to secure 'B' Grade or above), may reappear for that subject at the supplementary examination as and when conducted. In such cases, his Internal Marks assessed earlier for that subject will be carried over, and added to the marks secured in the supplementary examination, for

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the purpose of evaluating his performance in that subject.

- 6.8 A Student who fails to earn 68 credits as per the specified course structure, and as indicated above, within four academic years from the date of commencement of his first year first semester, shall forfeit his seat in M.Pharm. programme and his admission shall stand cancelled.

7.0 **Evaluation - Distribution and Weightage of Marks**

The performance of a student in each semester shall be evaluated subject- wise (irrespective of credits assigned) for a maximum of 100 marks.

- 7.1 For the theory subjects 75 marks shall be awarded for the performance in the Semester End Examination and 25 marks shall be awarded for Continuous Internal Evaluation (CIE). The Continuous Internal Evaluation shall be made based on the average of the marks secured in the two Mid-Term Examinations conducted, first Mid-Term examinations in the middle of the Semester and second Mid-Term examinations during the last week of instruction. Each Mid-Term Examination shall be conducted for a total duration of 120 minutes with Part 'A' as compulsory consisting of 5 questions carrying 2 marks each (10 marks), and Part 'B' with 3 questions to be answered out of 5 questions, each question carrying 5 marks (15 marks). The details of the Question Paper pattern for Semester End Examination (Theory) are given below:

- The Semester End Examination will be conducted for 75 marks. It consists of two parts.
i) Part A for 25 marks, ii) Part B for 50 marks.
- Part A is compulsory and consists of 5 questions, one from each unit and carrying 5 marks each.
- Part B consists of 5 questions carrying 10 marks each. There will be two questions from each unit and only one should be answered.

- 7.2 For practical subjects, 75 marks shall be awarded for performance in the Semester End Examinations and 25 marks shall be awarded for day-to-day performance as Internal Marks.

- 7.3 For conducting laboratory end examinations of all PG Programmes, one internal examiner and one external examiner are to be appointed by the Principal of the College and this is to be informed to the Director of Evaluation within two weeks, before commencement of the lab end examinations. The external examiner should be selected from outside the College concerned but within the cluster. No external examiner should be appointed from any other College in the same cluster/any other cluster which is run by the same Management.

- 7.4 There shall be Mini Project with Seminar during I year II semester for internal evaluation of 100 marks. The Departmental Academic Committee (DAC) will review the progress of the mini project during the seminar presentations and evaluate the same for 50 marks. Mini Project Viva Voce will be evaluated by the DAC for another 50 marks before the semester end examinations. Student shall carryout the mini project in consultation with the mini project supervisor which may include critically reviewing the literature, project implementation and submit it to the department in the form of a report and shall make an oral presentation before the DAC consisting of Head of the Department, Mini Project supervisor and two other senior faculty members of the department. The student has to secure a minimum of 50% of marks in i) seminar presentation and ii) mini project viva voce, to be declared successful. If he fails to obtain the minimum marks, he has to reappear for the same as and when scheduled.

- 7.5 Every candidate shall be required to submit a dissertation on a topic approved by the Dissertation Review Committee.

- 7.6 A Dissertation Review Committee (DRC) shall be constituted with the Head of the Department as



Chairperson, Dissertation Supervisor and one senior faculty member of the Department offering the M.Pharm. programme.

- 7.7 Registration of Dissertation Work: A candidate is permitted to register for the Dissertation Work after satisfying the attendance requirement in all the subjects, both theory and laboratory.
- 7.8 After satisfying 7.7, a candidate must present in Dissertation Work Review - I, in consultation with his Dissertation Supervisor, the title, objective and plan of action of his Dissertation work to the Dissertation Review Committee (DRC) for approval within four weeks from the commencement of Second year First Semester. Only after obtaining the approval of the DRC can the student initiate the Dissertation work.
- 7.9 If a candidate wishes to change his supervisor or topic of the Dissertation, he can do so with the approval of the DRC. However, the DRC shall examine whether or not the change of topic/supervisor leads to a major change of his initial plans of Dissertation proposal. If yes, his date of registration for the project work starts from the date of change of Supervisor or topic as the case may be.
- 7.10 A candidate shall submit his Dissertation progress report in two stages at least with a gap of three months between them.
- 7.11 The work on the Dissertation shall be initiated at the beginning of the II year and the duration of the Dissertation is two semesters. A candidate is permitted to submit Dissertation Thesis only after successful completion of all theory and practical courses with the approval of DRC not earlier than 40 weeks from the date of approval of the Dissertation work. For the approval of DRC the candidate shall submit the draft copy of thesis to the Head of the Department and make an oral presentation before the DRC.
- 7.12 The Dissertation Work Review - II in II Year I Sem. carries internal marks of 100. Evaluation should be done by the DRC for 50 marks and the Supervisor will evaluate the work for the other 50 marks. The Supervisor and DRC will examine the Problem Definition, Objectives, Scope of Work, Literature Survey in the same domain and progress of the Dissertation Work. A candidate has to secure a minimum of 50% of marks to be declared successful in Dissertation Work Review - II. If he fails to obtain the minimum required marks, he has to reappear for Dissertation Work Review - II as and when conducted.
- 7.13 The Dissertation Work Review - III in II Year II Sem. carries 100 internal marks. Evaluation should be done by the DRC for 50 marks and the Supervisor will evaluate it for the other 50 marks. The DRC will examine the overall progress of the Dissertation Work and decide whether or not the Dissertation is eligible for final submission. A candidate has to secure a minimum of 50% of marks to be declared successful in Dissertation Work Review - III. If he fails to obtain the required minimum marks, he has to reappear for Dissertation Work Review - III as and when conducted. For Dissertation Evaluation (Viva Voce) in II Year II Sem. there are external marks of 100 and it is evaluated by the external examiner. The candidate has to secure a minimum of 50% marks in Dissertation Evaluation (Viva-Voce) examination.
- 7.14 Dissertation Work Reviews - II and III shall be conducted in phase I (Regular) and Phase II (Supplementary). Phase II will be conducted only for unsuccessful students in Phase I. The unsuccessful students in Dissertation Work Review - II (Phase II) shall reappear for it at the time of Dissertation Work Review - III (Phase I). These students shall reappear for Dissertation Work Review - III in the next academic year at the time of Dissertation Work Review - II only after completion of Dissertation Work Review - II, and then Dissertation Work Review - III follows. The unsuccessful students in Dissertation Work Review - III (Phase II) shall reappear for Dissertation Work Review - III in the next academic year only at the time of Dissertation Work Review - II (Phase I).

A.M.C.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 511





JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

(Established by State Act No. 30 of 2008)

Kukatpally, Hyderabad, Telangana (India).

ACADEMIC REGULATIONS FOR B.PHARM. REGULAR STUDENTS
WITH EFFECT FROM THE

ACADEMIC YEAR 2016-17 (R-16)

1.0 Under-Graduate Degree Programme in Pharmacy

1.1 JNTUH offers a 4-year (8 semesters) **Bachelor of Pharmacy (B.Pharm.)** degree programme, under Choice Based Credit System (CBCS) at its non-autonomous constituent and affiliated colleges with effect from the academic year 2016-17.

2.0 Eligibility for admission

2.1 Admission to the under graduate programme shall be made either on the basis of the merit rank obtained by the qualified candidate in entrance test conducted by the Telangana State Government (EAMCET) or the University or on the basis of any other order of merit approved by the University, subject to reservations as prescribed by the government from time to time.

2.2 The medium of instructions for the entire under graduate programme in Pharmacy will be English only.

3.0 B.Pharm. Programme structure

3.1 A student after securing admission shall pursue the under graduate programme in B.Pharm. in a minimum period of **four** academic years (8 semesters), and a maximum period of **eight** academic years (16 semesters) starting from the date of commencement of first year first semester, failing which student shall forfeit seat in B.Pharm course.

Each semester is structured to provide 24 credits, totaling to 192 credits for the entire B.Pharm. programme.

Each student shall secure 192 credits (with CGPA ≥ 5) required for the completion of the under graduate programme and award of the B.Pharm. degree.

3.2 UGC/ AICTE specified definitions/ descriptions are adopted appropriately for various terms and abbreviations used in these academic regulations/ norms, which are listed below.

3.2.1 Semester scheme

Each under graduate programme is of 4 academic years (8 semesters) with the academic year being divided into two semesters of 22 weeks (≥ 90 instructional days) each, each

semester having - 'Continuous Internal Evaluation (CIE)' and 'Semester End Examination (SEE)'. Choice Based Credit System (CBCS) and Credit Based Semester System (CBSS) as indicated by UGC and curriculum / course structure as suggested by AICTE are followed.

3.2.2 Credit courses

All subjects/ courses are to be registered by the student in a semester to earn credits which shall be assigned to each subject/ course in an L: T: P: C (lecture periods: tutorial periods: practical periods: credits) structure based on the following general pattern.

- One credit for one hour/ week/ semester for theory/ lecture (L) courses.
- One credit for two hours/ week/ semester for laboratory/ practical (P) courses or tutorials (T).

Courses like environmental science, human values and professional ethics, gender sensitization lab and other student activities like NCC/NSO and NSS are identified as mandatory courses. These courses will not carry any credits.

3.2.3 Subject Course Classification

All subjects/ courses offered for the under graduate programme in Pharmacy (B.Pharm. degree programmes) are broadly classified as follows. The university has followed almost all the guidelines issued by AICTE/UGC.

| S. No. | Broad Course Classification | Course Group/ Category | Course Description |
|--------|-----------------------------|-------------------------------------|--|
| 1 | Foundation Courses (FnC) | BS – Basic Sciences | Includes mathematics, physics and chemistry subjects. |
| 2 | | PS - Pharmaceutical Sciences | Includes fundamental Pharmacy Subjects. |
| 3 | | HS – Humanities and Social sciences | Includes subjects related to humanities, social sciences and management. |
| 4 | Core Courses (CoC) | PC – Professional Core | Includes core subjects related to the parent discipline. |
| 5 | Elective Courses (ElC) | PE – Professional Electives | Includes elective subjects related to the parent discipline. |
| 6 | Core Courses | Project Work | B.Pharm. project or UG project or UG major project |
| 7 | | Seminar | Seminar/ Colloquium based on core contents related to parent discipline. |
| 10 | Minor courses | - | 1 or 2 Credit courses (subset of HS) |

| | | | |
|----|------------------------|---|--------------------------------|
| 11 | Mandatory Courses (MC) | - | Mandatory courses (non-credit) |
|----|------------------------|---|--------------------------------|

4.0 Course registration

- 4.1 A 'faculty advisor or counselor' shall be assigned to a group of 15 students, who will advise student about the under graduate programme, its course structure and curriculum, choice/option for subjects/ courses, based on their competence, progress, pre-requisites and interest.
- 4.2 The academic section of the college invites 'registration forms' from students before the beginning of the semester through 'on-line registration', ensuring 'date and time stamping'. The on-line registration requests for any 'current semester' shall be **completed before the commencement of semester end examinations of the 'preceding semester'**.
- 4.3 A student can apply for **on-line** registration, **only after** obtaining the '**written approval**' from faculty advisor/counselor, which should be submitted to the college academic section through the Head of the Department. A copy of it shall be retained with Head of the Department, faculty advisor/ counselor and the student.
- 4.4 A student may be permitted to register for the subjects/ courses of **choice** with a total of 24 credits per semester (minimum of 20 credits and maximum of 28 credits per semester and permitted deviation of $\pm 17\%$), based on **progress** and SGPA/ CGPA, and completion of the '**pre-requisites**' as indicated for various subjects/ courses, in the department course structure and syllabus contents. However, a **minimum** of 20 credits per semester must be registered to ensure the '**studentship**' in any semester.
- 4.5 Choice for 'additional subjects/ courses' to reach the maximum permissible limit of 28 credits (above the typical 24 credit norm) must be clearly indicated, which needs the specific approval and signature of the faculty advisor/ counselor.
- 4.6 If the student submits ambiguous choices or multiple options or erroneous entries during **on-line** registration for the subject(s) / course(s) under a given/ specified course group/ category as listed in the course structure, only the first mentioned subject/ course in that category will be taken into consideration.
- 4.7 Subject/ course options exercised through **on-line** registration are final and **cannot** be changed or inter-changed; further, alternate choices also will not be considered. However, if the subject/ course that has already been listed for registration by the Head of the Department in a semester could not be offered due to any unforeseen or unexpected reasons, then the student shall be allowed to have alternate choice either for a new subject (subject to offering of such a subject), or for another existing subject (subject to availability of seats). Such alternate arrangements will be made by the Head of the Department, with due notification and time-framed schedule, within the **first week** after the commencement of class-work for that semester.

- 4.8 Dropping of subjects/ courses may be permitted, only after obtaining prior approval from the faculty advisor/ counselor (subject to retaining a minimum of 20 credits), 'within a period of 15 days' from the beginning of the current semester.
- 4.10 **Professional electives:** Students have to choose one professional elective (PE-I) in II year II semester, one (PE-II) in III year I semester, and one (PE-III) in III year II semester and one (PE-IV) in IV year II semester from the list of professional electives given.
- 5.0 **Subjects/ courses to be offered**
- 5.1 A typical section (or class) strength for each semester shall be 60.
- 5.2 A subject/ course may be offered to the students, **only if** a minimum of 20 students ($\frac{1}{3}$ of the section strength) opt for it. The maximum strength of a section is limited to 80 ($60 + \frac{1}{3}$ of the section strength).
- 5.3 If more entries for registration of a subject come into picture, then the Head of Department concerned shall decide, whether or not to offer such a subject/ course for **two (or multiple)** sections.
- 6.0 **Attendance requirements:**
- 6.1 A student shall be eligible to appear for the semester end examinations, if student acquires a minimum of 75% of attendance in aggregate of all the subjects/ courses (excluding attendance in mandatory courses environmental science, human values and professional ethics, gender sensitization Lab, NCC/NSO and NSS) for that semester.
- 6.2 Shortage of attendance in aggregate up to 10% (65% and above, and below 75%) in each semester may be condoned by the college academic committee on genuine and valid grounds, based on the student's representation with supporting evidence.
- 6.3 A stipulated fee shall be payable towards condoning of shortage of attendance.
- 6.4 Shortage of attendance below 65% in aggregate shall in **no** case be condoned.
- 6.5 Students whose shortage of attendance is not condoned in any semester are not eligible to take their end examinations of that semester. They get detained and their registration for that semester shall stand cancelled. They will not be promoted to the next semester. They may seek re-registration for all those subjects registered in that semester in which student was detained, by seeking re-admission into that semester as and when offered; in case if there are any professional electives, the same may also be re-registered if offered. However, if those electives are not offered in later semesters, then alternate electives may be chosen from the **same** set of elective subjects offered under that category.
- 6.6 A student fulfilling the attendance requirement in the present semester shall not be eligible for readmission into the same class.

7.0 Academic requirements

The following academic requirements have to be satisfied, in addition to the attendance requirements mentioned in item no.6.

7.1 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to each subject/ course, if student secures not less than 35% marks (26 out of 75 marks) in the semester end examination, and a minimum of 40% of marks in the sum total of the CIE (Continuous Internal Evaluation) and SEE (Semester End Examination) taken together; in terms of letter grades, this implies securing 'C' grade or above in that subject/ course.

7.2 A student shall be deemed to have satisfied the academic requirements and earned the credits allotted to seminar, if student secures not less than 40% marks (i.e. 40 out of 100 allotted marks) in it. The student would be treated as failed, if student (i) does not present the seminar as required in the IV year I semester, or (ii) secures less than 40% marks in seminar evaluation.

Student may reappear once for the above evaluation, when it is scheduled again; if student fails in such 'one reappearance' evaluation also, student has to reappear for the same in the next subsequent semester, as and when it is scheduled.

7.3 Promotion Rules

| S. No. | Promotion | Conditions to be fulfilled |
|--------|---|---|
| 1 | First year first semester to first year second semester | Regular course of study of first year first semester. |
| 2 | First year second semester to second year first semester | (i) Regular course of study of first year second semester. (ii) Must have secured at least 24 credits out of 48 credits i.e., 50% of credits up to first year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not. |
| 3. | Second year first semester to second year second semester | Regular course of study of second year first semester. |
| 4 | Second year second semester to third year first semester | (i) Regular course of study of second year second semester. (ii) Must have secured at least 58 credits out of 96 credits i.e., 60% of credits up to second year second semester from all the relevant regular and supplementary |

| | | examinations, whether the student takes those examinations or not. |
|---|---|--|
| 5 | Third year first semester to third year second semester | Regular course of study of third year first semester. |
| 6 | Third year second semester to fourth year first semester | (i) Regular course of study of third year second semester. (ii) Must have secured at least 86 credits out of 144 credits i.e., 60% of credits up to third year second semester from all the relevant regular and supplementary examinations, whether the student takes those examinations or not. |
| 7 | Fourth year first semester to fourth year second semester | Regular course of study of fourth year first semester. |

- 7.4 A student shall register for all subjects covering 192 credits as specified and listed in the course structure, fulfills all the attendance and academic requirements for 192 credits, 'earn all 192 credits' by securing SGPA ≥ 5.0 (in each semester) and CGPA (at the end of each successive semester) ≥ 5.0 to successfully complete the under graduate programme.
- 7.5 After securing the necessary 192 credits as specified for the successful completion of the entire under graduate programme, the student can avail exemption of two subjects up to 6 credits, that is, two professional elective subjects for optional drop out from these 192 credits earned; resulting in 186 credits for under graduate programme performance evaluation, i.e., the performance of the student in these 186 credits shall alone be taken into account for the calculation of 'the final CGPA (at the end of under graduate programme, which takes the SGPA of the IV year II semester into account)', and shall be indicated in the grade card of IV year II semester. However, the performance of student in the earlier individual semesters, with the corresponding SGPA and CGPA for which grade cards have already been given will not be altered.
- 7.6 If a student registers for some more 'extra subjects' other than those listed subjects totaling to 192 credits as specified in the course structure, the performances in those 'extra subjects' (although evaluated and graded using the same procedure as that of the required 192 credits) will not be taken into account while calculating the SGPA and CGPA. For such 'extra subjects' registered, % of marks and letter grade alone will be indicated in the grade card as a performance measure, subject to completion of the attendance and academic requirements as stated in regulations 6 and 7.1 – 7.5 above.
- 7.7 A student eligible to appear in the end semester examination for any subject/ course, but absent from it or failed (thereby failing to secure 'C' grade or above) may reappear for that subject/ course in the supplementary examination as and when conducted. In such

cases. CIE assessed earlier for that subject/ course will be carried over, and added to the marks to be obtained in the SEE supplementary examination for evaluating performance in that subject.

- 7.8 A student detained in a semester due to shortage of attendance, may be re-admitted when the same semester is offered in the next academic year for fulfillment of academic requirements. The academic regulations under which student has been readmitted shall be applicable. However, no grade allotments or SGPA/ CGPA calculations will be done for the entire semester in which student has been detained.
- 7.9 A student detained due to lack of credits, shall be promoted to the next academic year only after acquiring the required academic credits. The academic regulations under which student has been readmitted shall be applicable to him.
- 8.0 **Evaluation - Distribution and Weightage of marks**
- 8.1 The performance of a student in every subject/course (including practicals and UG major project) will be evaluated for 100 marks each, with 25 marks allotted for CIE (Continuous Internal Evaluation) and 75 marks for SEE (Semester End-Examination).
- 8.2 For theory subjects, during a semester, there shall be two mid-term examinations. Each mid-term examination consists of one objective paper, one descriptive paper and one assignment. The objective paper and the essay paper shall be for 10 marks each with a total duration of 1 hour 20 minutes (20 minutes for objective and 60 minutes for essay paper). The objective paper is set with 20 bits of multiple choice, fill-in the blanks and matching type of questions for a total of 10 marks. The essay paper shall contain 4 full questions out of which, the student has to answer 2 questions, each carrying 5 marks. While the first mid-term examination shall be conducted on 50% of the syllabus, the second mid-term examination shall be conducted on the remaining 50% of the syllabus. Five marks are allocated for assignments (as specified by the subject teacher concerned). The first assignment should be submitted before the conduct of the first mid-examination, and the second assignment should be submitted before the conduct of the second mid-examination. The total marks secured by the student in each mid-term examination are evaluated for 25 marks, and the average of the two mid-term examinations shall be taken as the final marks secured by each student in internals/sessionals. If any student is absent from any subject of a mid-term examination, an on-line test will be conducted for him by the university. The details of the question paper pattern are as follows,
- The end semester examinations will be conducted for 75 marks consisting of two parts viz. i) **Part- A** for 25 marks, ii) **Part - B** for 50 marks.
 - Part-A is compulsory question which consists of ten sub-questions. The first five sub-questions are from each unit and carry 2 marks each. The next five sub-questions are one from each unit and carry 3 marks each.
 - Part-B consists of five questions (numbered from 2 to 6) carrying 10 marks each. Each of these questions is from one unit and may contain sub-questions. For each

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A.M. 2
PRINCIPAL
SRI INDU INSTITUTE
Sheriguda (V), Ibrahimpatnam (M),
R.R. Dist. Hyderabad-501 510.



question there will be an "either" "or" choice, which means that there will be two questions from each unit and the student should answer either of the two questions.

- 8.3 For practical subjects there shall be a continuous internal evaluation during the semester for 25 sessional marks and 75 semester end examination marks. Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned. The semester end examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the clusters of colleges which are decided by the examination branch of the university.
- 8.4 There shall be a seminar presentation in IV year I semester. For the seminar, the student shall collect the information on a specialized topic, prepare a report and submit it to the department. It shall be evaluated by the departmental committee consisting of Head of the Department, seminar supervisor and a senior faculty member. The seminar report shall be evaluated for 100 marks. There shall be no semester end examination for the seminar.
- 8.5 Out of a total of 100 marks for the UG major project, 25 marks shall be allotted for internal evaluation and 75 marks for the end semester examination (viva voce). The end semester examination of the project work shall be conducted by a committee consisting of external examiner, Head of the Department, supervisor of the project and a senior faculty member. The topics for seminar and UG major project shall be different from one another. The evaluation of UG major project shall be made at the end of IV year II semester. The internal evaluation shall be on the basis of two seminars given by each student on the topic of UG major project.
- 8.6 The laboratory marks and the sessional marks awarded by the college are subject to scrutiny and scaling by the university wherever necessary. In such cases, the sessional and laboratory marks awarded by the college will be referred to a committee. The committee will arrive at a scaling factor and the marks will be scaled accordingly. The recommendations of the committee are final and binding. The laboratory records and internal test papers shall be preserved in the respective institutions as per the university rules and produced before the committees of the university as and when asked for.
- 8.7 For mandatory courses environmental science, human values and professional ethics and gender sensitization lab, a student has to secure 40 marks out of 100 marks (i.e. 40% of the marks allotted) in the continuous internal evaluation for passing the subject/course.
- 8.8 For mandatory courses NCC/ NSO and NSS, a 'satisfactory participation certificate' shall be issued to the student from the authorities concerned, only after securing $\geq 65\%$ attendance in such a course.
- 8.9 No marks or letter grade shall be allotted for all mandatory/non-credit courses.

9.0 Grading procedure

- 9.1 Marks will be awarded to indicate the performance of student in each theory subject, laboratory / practicals, seminar and UG major project. Based on the percentage of marks obtained (Continuous Internal Evaluation plus Semester End Examination, both taken together) as specified in item 8 above, a corresponding letter grade shall be given.
- 9.2 As a measure of the performance of student, a 10-point absolute grading system using the following letter grades (as per UGC/AICTE guidelines) and corresponding percentage of marks shall be followed:

| % of Marks Secured in a Subject/Course (Class Intervals) | Letter Grade (UGC Guidelines) | Grade Points |
|---|----------------------------------|--------------|
| Greater than or equal to 90% | O (Outstanding) | 10 |
| 80 and less than 90% | A ⁺ (Excellent) | 9 |
| 70 and less than 80% | A (Very Good) | 8 |
| 60 and less than 70% | B ⁺ (Good) | 7 |
| 50 and less than 60% | B (Average) | 6 |
| 40 and less than 50% | C (Pass) | 5 |
| Below 40% | F (FAIL) | 0 |
| Absent | Ab | 0 |

- 9.3 A student obtaining 'F' grade in any subject shall be deemed to have 'failed' and is required to reappear as a 'supplementary student' in the semester end examination, as and when offered. In such cases, internal marks in those subjects will remain the same as those obtained earlier.
- 9.4 A student who has not appeared for examination in any subject, 'Ab' grade will be allocated in that subject, and student shall be considered 'failed'. Student will be required to reappear as a 'supplementary student' in the semester end examination, as and when offered.
- 9.5 A letter grade does not indicate any specific percentage of marks secured by the student, but it indicates only the range of percentage of marks.
- 9.6 A student earns grade point (GP) in each subject/ course, on the basis of the letter grade secured in that subject/ course. The corresponding 'credit points' (CP) are computed by multiplying the grade point with credits for that particular subject/ course.

A. M. C.
PRINCIPAL
SRI INDU INSTITUTE OF PHARMACY
Sheriguda (V), Ibrahimpet (M),
R.R. Dist. Hyderabad-501 510.



Credit points (CP) = grade point (GP) x credits For a course

- 9.7 The student passes the subject/ course only when $GP \geq 5$ ('C' grade or above)
- 9.8 The semester grade point average (SGPA) is calculated by dividing the sum of credit points (ΣCP) secured from all subjects/ courses registered in a semester, by the total number of credits registered during that semester. SGPA is rounded off to two decimal places. SGPA is thus computed as

$$SGPA = \{ \sum_{i=1}^N C_i G_i \} / \{ \sum_{i=1}^N C_i \} \dots \text{For each semester,}$$

where 'i' is the subject indicator index (takes into account all subjects in a semester), 'N' is the no. of subjects 'registered' for the semester (as specifically required and listed under the course structure of the parent department), C_i is the no. of credits allotted to the i^{th} subject, and G_i represents the grade points (GP) corresponding to the letter grade awarded for that i^{th} subject.

- 9.9 The cumulative grade point average (CGPA) is a measure of the overall cumulative performance of a student in all semesters considered for registration. The CGPA is the ratio of the total credit points secured by a student in all registered courses in all semesters, and the total number of credits registered in all the semesters. CGPA is rounded off to two decimal places. CGPA is thus computed from the I year II semester onwards at the end of each semester as per the formula

$$CGPA = \{ \sum_{j=1}^M C_j G_j \} / \{ \sum_{j=1}^M C_j \} \dots \text{for all S semesters registered}$$

(i.e., up to and inclusive of S semesters, $S \geq 2$),

where 'M' is the total no. of subjects the student has 'registered' i.e., from the 1st semester onwards up to and inclusive of the 8th semester, 'j' is the subject indicator index (takes into account all subjects from 1 to 8 semesters), C_j is the no. of credits allotted to the j^{th} subject, and G_j represents the grade points (GP) corresponding to the letter grade awarded for that j^{th} subject. After registration and completion of first year first semester, the SGPA of that semester itself may be taken as the CGPA, as there are no cumulative effects.

Illustration of calculation of SGPA

| Course/Subject | Credits | Letter Grade | Grade Points | Credit Points |
|----------------|---------|--------------|--------------|--------------------|
| Course 1 | 4 | A | 8 | $4 \times 8 = 32$ |
| Course 2 | 4 | O | 10 | $4 \times 10 = 40$ |
| Course 3 | 4 | C | 5 | $4 \times 5 = 20$ |
| Course 4 | 3 | B | 6 | $3 \times 6 = 18$ |
| Course 5 | 3 | A+ | 9 | $3 \times 9 = 27$ |
| Course 6 | 3 | C | 5 | $3 \times 5 = 15$ |

