KRUPANIDHI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi, Affiliated to RGUHS, Bengaluru)
Accredited with Grade 'A' by NAAC, Bengaluru | ISO 9001 – 2015 Certified
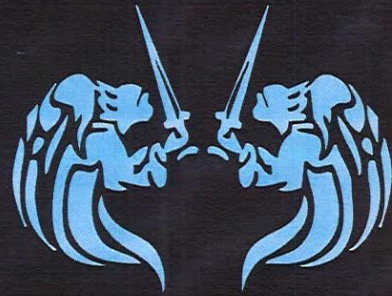**12/1, CHIKKA BELLANDUR, CARMELARAM POST, VARTHUR HOBLI, BANGALORE – 560 035**

5.1.3 Capacity building and skills enhancement initiatives taken by the institution

ICT/computing skills

SI No	Name of the Document	Link the Document
1	JMP Software Program- Formulation Development	Click here
2	R Studio software-Biostatistics	Click here
3	Ex-Pharma Series software	Click here

For the Year

2019-2020

KRUPANIDHI COLLEGE OF PHARMACY

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AICTE,NEW DELHI AND AFFILIATED TO RAJIV GANDHI UNIVERSITY OF HEALTH SCIENCES
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JMP SOFTWARE PROGRAM (FORMULATION DEVELOPMENT)

1/08/2019 TO 1/06/2020

KRUPANIDHI COLLEGE OF PHARMACY, BANGALORE

M Pharm, Dept. of Quality Assurance, 2019-20

JMP (statistical software)

- ❖ **JMP** (pronounced "jump") is a suite of computer program for statistical analysis developed by the JMP business unit of SAS Institute.

- ❖ At Krupanidhi College of Pharmacy, we extensively use *JMP*® **13.2.1 software (Academic license from SAS, SAS Institute, Cary, NC, USA).** for performing statistical analysis of data generated through students' academic projects.

Beneficiaries of the Software:

I and II M Pharm students (Dept. of Quality Assurance) undertaking academic projects are the primary beneficiaries of the tool. The software is also used to provide hands on training for IV B Pharm students on application of software in product development.

Syllabus/Content of the Program (M Pharm- I and II SEM, QA Dept.)

Practical's- 8 hrs/week

1. **Case study** - Total Quality Management
2. **Case study** - Six Sigma
3. **Case study** Deviations,
4. **Case study** - Out of Specifications (OOS)
5. **Case study** - Out of Trend (OOT)
6. **Case study** - Corrective & Preventive Actions (CAPA)
7. **Case study** - Deviations
8. **Case study** -Development of Stability study protocol
9. **Case study**- Estimation of process capability
10. **Case study** -Application of QbD

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Students List with Project undertaken by the utilization of JMP software:

SI. NO	STUDENT NAME	PROJECT TITLE	GUIDE NAME
1	**Kavya J P**	DEVELOPMENT AND VERIFICATION OF QTPP FOR A NOVEL BCS CLASS II ANTIFUNGAL SOLID ORAL DOSAGE FORM BY QBD APPROACH	Kavitha A N
2	Murali R	A RISK ASSESSMENT BASED PROCESS DESIGN OF A NOVEL SOLID ORAL DOSAGE FORM IN ITS DEVELOPMENT STAGE AND ITS CONTROL STRATEGY	Chandramouli R
3	Samatha P	QbD BASED DEVELOPMENT OF A NOVEL OPTIMIZED S-SEDDS OF ETRAVIRINE	Kavitha A N
4	Sai Teja Kandimalla	DEVELOPMENT AND VERIFICATION OF QTPP FOR A NOVEL SOLID ORAL DOSAGE FORM BY QbD APPROACH	Kavitha A N
5	Vinutha K	DEVELOPMENT AND VERIFICATION OF CRITICAL QUALITY ATTRIBUTES (CQA) OF A NOVEL BCS CLASS II SOLID ORAL DOSAGE FORM.	Chandramouli R
6	Gowthami K	QbD BASED DESIGN AND DEVELOPMENT OF NOVEL SELF EMULSIFIED DRUG DELIVERY SYSTEM OF RITONAVIR	Kavitha A N
7	Manushree V	QUALITY BY DESIGN BASED DEVELOPMENT OF A NOVEL BCS CLASS 2 ANTIHYPERLIPIDEMIC SOLID ORAL DOSAGE FORM OF SIMVASTATIN	Chandramouli R
8	Lokeshwari N		Chandramouli R
9	Pooja C		Chandramouli R

First SEM Students List

Sl. No	Student
1.	ANITA RANI SAHOO
2.	JAMES SOUNDER DEVDAS
3.	MANJUNATH KALLEDA
4.	MANOHAR S K
5.	MOHAN KUMAR D S
6.	NAMRATHA N
7.	PARIMI BHARATI

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8.	PRABHU SONAM PRADEEP
9.	PRAGATHI V
10.	VARSHINI S

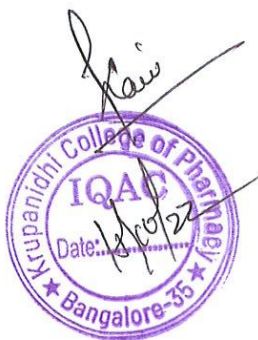**Activities performed using JMP:**

❖ Pharmaceutical formulation development:
  - ✓ Representing the risk involved in the product development- Inshikawa diagram.
  - ✓ Statistical Design of experiment.
  - ✓ DoE Evaluation/Model Fit.
  - ✓ Validation of the selected design.
  - ✓ Optimized formulation development.

Software Utilization in Krupanidhi College of Pharmacy:

JMP has been used extensively in Krupanidhi College of Pharmacy for M PHARM student project purpose:

1. Total projects involving JMP   : 09
2. Total students utilized JMP for academic practical's : 10
3. Total students trained in JMP for statistical analysis : 20 (Beginner level proficiency)

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R Studio software

Biostatistics

1/08/2019 to 1/06/2020

KRUPANIDHI COLLEGE OF PHARMACY, BANGALORE

R Studio & EZR

❖ R is a free software environment for statistical computing and graphics. It compiles and runs on a wide variety of UNIX platforms, Windows and MacOS.

❖ EZR is a graphical user interface for R based on R commander.

❖ At Krupanidhi College of Pharmacy, we extensively use EZR and R foundation package for performing statistical analysis of data generated through students' academic projects.

Beneficiaries of the Software:

V & VI Pharm D students undertaking academic projects are the primary beneficiaries of the tool. The software is also used to provide hands on training for IV PharmD students on Biostatistics.

Activities performed using EZR Interface for R:

❖ Sample size estimation for pharmaco epidemiologic and clinical interventional studies involving human participants as follows:

✓ Sample size estimation from control and desired response rates.

✓ Sample size estimation from proportion and confidence interval.

✓ Sample size estimation for comparison with specified proportion.

✓ Power calculation for comparison with specified proportion.

✓ Sample size estimation for non-inferiority trial of two proportions.

✓ Sample size estimation from standard deviation and confidence interval.

✓ Sample size and power calculation for comparison between two means.

✓ Sample size and power calculation for comparison and non-inferiority trial of two survival curves and two paired means.

❖ Perform the following descriptive summary and inferential statistics involving discrete and continuous variables.

✓ Frequency distributions

✓ Assess data normality using Q-Q plot and Shapiro-Wilk test.

✓ Compute measures of central tendency and dispersion.

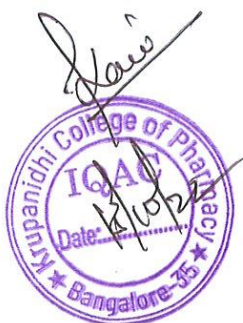✓ Construct relevant graphs and charts for given statistical tests.

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- ✓ Perform parametric (Unpaired t-test, paired t-test and ANOVA) and non-parametric tests (Mann-Whitney U, Wilcoxon Rank Sum and Kruskal Wallis test) for comparison.
- ✓ Perform Pearson's Product Moment Correlation and Spearman's Ranked Correlation of continuous variables.
- ✓ Perform Chi-square and Fisher's Exact test to associate dichotomous variables.
- ✓ Perform post-hoc analysis of variables involving ordinary and repeated measures: Bonferroni corrections.

Software Utilization in Krupanidhi College of Pharmacy:

Since 2018, EZR has been used extensively in Krupanidhi College of Pharmacy for V year PharmD project statistical analysis purpose:

1. Total projects involving EZR   : 09
2. Total students utilized EZR for academic projects   : 14
3. Total papers published using EZR as statistical tool : 04
4. Total students trained in EZR for statistical analysis : 42 (Beginner level proficiency)

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R STUDIO PARTICIPANT NAME LIST 2019-20

SL. NO	NAME OF STUDENTS	YEAR
1.	Abiya Varghese (Govt)	V PHARMD
2.	Akash Ashok Manvi (Govt	V PHARMD
3.	Alisa Lalbiakkimi Sailo	V PHARMD
4.	Behrooz Saki Tavandashti	V PHARMD
5.	Elmer Clover Rodrigues	V PHARMD
6.	Fatemeh Asadi Mobarakeh	V PHARMD
7.	F. Lalhmangaihzuai	V PHARMD
8.	Gowtham S E	V PHARMD
9.	Karan Jaideep	V PHARMD
10.	Kishor G S (Govt)	V PHARMD
11.	Madhushree I (Govt)	V PHARMD
12.	Milton Gregory Varghese	V PHARMD
13.	Munazza Afreen (Govt)	V PHARMD
14.	Nandini R	V PHARMD
15.	Nigin Rahimi Fard	V PHARMD
16.	Nishanth S (Govt)	V PHARMD
17.	Pramitav Debnath	V PHARMD
18.	Sandhya S	V PHARMD
19.	Savitha M (Govt	V PHARMD
20.	Shima Rahimifard	V PHARMD
21.	Shivankar Pradhan	V PHARMD
22.	Shivaani M U	V PHARMD

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	Smrithi S (Govt)	V PHARMD
24.	Sowmya (Govt)	V PHARMD
25.	Sowmya N K (Govt)	V PHARMD
26.	Swathi Kiran B S (Govt)	V PHARMD
27.	Tamizh Selvan E	V PHARMD
28.	T A Syed Sadathulla (Govt)	V PHARMD
29.	A.K.Aswathy	VI PHARMD
30.	Ahmed Mustafa Shariff	VI PHARMD
31.	Ammu J	VI PHARMD
32.	G.L. Aporrva	VI PHARMD
33.	Arjun Alex John	VI PHARMD
34.	Chandana Shree .K.S	VI PHARMD
35.	Danyah Rizwanulla Sheriff	VI PHARMD
36.	Dimple Yadav M	VI PHARMD
37.	Dipendra Bhatt	VI PHARMD
38.	Divya .A	VI PHARMD
39.	Feba Elza Isen	VI PHARMD
40.	Gayatri Jayakumar	VI PHARMD
41.	Grishma Ann Thomas	VI PHARMD
42.	Hamed Sohrabi	VI PHARMD
43.	Milan Tiwari	VI PHARMD
44.	Mona Salehitavana	VI PHARMD
45.	Neeraj Pant	VI PHARMD
46.	Neethal Sequeira	VI PHARMD
47.	Nikhil S	VI PHARMD
48.	Nithya Prdeep	VI PHARMD

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		VI PHARMD
	Sachin Louis	VI PHARMD
50.	Sheetal Maria Jimmy	VI PHARMD
51.	Shona.T.George	VI PHARMD
52.	Shiva Kumar .R	VI PHARMD
53.	S Sonniya Bindumathi	VI PHARMD
54.	Spoorthi k	VI PHARMD
55.	Sunil .K.R	VI PHARMD
56.	Syed Saud Ahmed	VI PHARMD
57.	Varun K V	VI PHARMD
58.	Samyuktha .A	VI PHARMD
59.	Ms. Abhirami Eby	IV PHARMD
60.	Mr. Lanish Wilson	IV PHARMD
61.	Ms.Arathi,M	IV PHARMD
62.	Mr. Archit Jain	IV PHARMD
63.	Ms. Besteen Rinju Rajen	IV PHARMD
64.	Ms.B. Defria Zeneth	IV PHARMD
65.	Ms. Eleena Bijo	IV PHARMD

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Expharma series software

1/08/2019 to 1/06/2020

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SUMMARY ON EXPHARMA SERIES 2019-2020

(EXPERIMENTAL PHARMACOLOGY SERIES)

- This is a computer assisted learning package containing various programs which simulate animal experiments in Pharmacology.
- These programs can be used to demonstrate drug on different animal's systems.
- The package is user friendly, highly interactive and full of animated sequences which make simulation appear realistic.

BENEFICIARIES OF THE SOFTWARE:

- ❖ Software is aimed for medical, pharmacy and dental undergraduate students. The software can also be used by the students of paramedical courses such as nursing, medical laboratory technology and physiotherapy etc.
- ❖ IV, V, VI Sem B. Pharm and III PharmD students undergoes the regular practicals by using this software.

ACTIVITIES PERFORMED USING EXPHARMA SOFTWARE:

1. Experiment on effects of various drugs (Mydriatic, Miotic and Local Anaesthetic) on rabbit's eye.
2. (Epinephrine, Atropine, Ephedrine, Physostigmine, Lignocaine)
3. Study of Analgesic activity with the help of "Tail Flick Apparatus" (Analgesiometer).
4. Study of Antihistaminic drugs/Anti allergic drugs by mast cell stabilization method with the help of "Histamine Chamber"
5. Study of Muscle Relaxant activity with the help of "Rota-Rod Apparatus".
6. Study of CNS Depressants & Stimulants Using "Actophotometer".
7. Study of Analgesic activity with the help of "Hot Plate Apparatus" (Analgesiometer).
8. Effect of Different Drugs (Including Saline Purgatives) on Ciliary Motility of Frog Oesophagus.
9. Study of Drugs acting on CNS (Including Anxiolytic Activity) using following modules
   - Elevated Plus Maze Method
   - Pole Climbing Method
10. Study of anticonvulsant activity using "Electro Convulsiometer".
11. Experiment on Effect of various drugs on Isolated Frog's Heart. (DRC- Dose Response Curve)
    - Epinephrine
    - Norepinephrine
    - Isoprenaline
    - Calcium Chloride
    - Propranolol
    - Acetylcholine
    - Potassium chloride
    - Atropine sulphate
12. Experiment on Bioassay of Histamine on the Ileum of Guinea Pig.
13. Simulation of pupil control
    - Simulation of the effects of the physiological stimuli and drugs on the papillary reflexes.

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- Simulation of the control in patient with partial parasymathectomy.
14. Experiments on Lagendorff's Apparatus
    - Effect of coronary vasodilators on isolated heart
    - Effect of parasympathomimetic.
15. Test for pyrogens using rabbits.
16. Effect of drugs on isolated guinea pig ileum (in-vitro).
17. To Study Respiratory depression effect on rabbit.
18. Determination of acute irritation of a test substance.
    - Skin irritation (Including edema formation)
        - Eye irritation
19. Experiments on colonic motility in rat in vitro.
20. Experiments on thyroid and antithyroid drugs
        - The effect of thyroxin, TSH, propylthiouracil, on metabolism.
21. Experiments on blood sugar
22.   - The effect of insulin (hypoglycaemic activity) and alloxan on blood glucose.
23. Bioassay of Acetylcholine on the isolated rectus abdominis muscle of frog
    - By Matching Method
    - By Interpolation Method
    - By 3 Point Method
    - By 4 Point Method

EXPHARMA SERIES UTILIZATION IN KRUPANIDHI COLLEGE OF PHARMACY

- Since 2018, Ex pharma series has been extensively used in Krupanidhi College of Pharmacy for IV, V, VI Sem B. Pharm and III Pharm D students for learning Simulated experiments in pharmacology.
- Total Number of experiments involving Ex pharma series :23
- Total Number of students used Ex pharma series:
    1. IV Sem B. Pharm – 104 students
    2. V Sem B. Pharm- 104 students
    3. VI Sem B. Pharm- 97 students
    4. III Pharm D – 30 students.
    5. Total- **335 students.**

Syllabus/content of the programme:

B. PHARM IV SEM:

BP 408 P. PHARMACOLOGY-I (Practical) 4Hrs/Week

1. Introduction to experimental pharmacology.

2. Commonly used instruments in experimental pharmacology.

3. Study of common laboratory animals.

4. Maintenance of laboratory animals as per CPCSEA guidelines.

5. Common laboratory techniques. Blood withdrawal, serum and plasma separation, anesthetics and euthanasia used for animal studies.

6. Study of different routes of drugs administration in mice/rats.

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7. Study of effect of hepatic microsomal enzyme inducers on the phenobarbitone sleeping time in mice.

8. Effect of drugs on ciliary motility of frog oesophagus

9. Effect of drugs on rabbit eye.

10. Effects of skeletal muscle relaxants using rota-rod apparatus.

11. Effect of drugs on locomotor activity using Actophotometer.

12. Anticonvulsant effect of drugs by MES and PTZ method.

13. Study of stereotype and anti-catatonic activity of drugs on rats/mice.

14. Study of anxiolytic activity of drugs using rats/mice.

15. Study of local aesthetics by different methods

Note: All laboratory techniques and animal experiments are demonstrated by simulated experiments by softwares and videos

B. PHARM V SEM:

BP 507 P. PHARMACOLOGY-II (Practical) 4Hrs/Week

1. Introduction to in-vitro pharmacology and physiological salt solutions.

2. Effect of drugs on isolated frog heart.

3. Effect of drugs on blood pressure and heart rate of dog.

4. Study of diuretic activity of drugs using rats/mice.

5. DRC of acetylcholine using frog rectus abdominis muscle.

6. Effect of physostigmine and atropine on DRC of acetylcholine using frog rectus abdominis muscle and rat ileum respectively.

7. Bioassay of histamine using guinea pig ileum by matching method.

8. Bioassay of oxytocin using rat uterine horn by interpolation method.

9. Bioassay of serotonin using rat fundus strip by three-point bioassay.

10. Bioassay of acetylcholine using rat ileum/colon by four-point bioassay.

11. Determination of PA2 value of prazosin using rat anococcygeus muscle (by Schilds plot method).

12. Determination of PD2 value using guinea pig ileum.

13. Effect of spasmogens and spasmolytics using rabbit jejunum.

14. Anti-inflammatory activity of drugs using carrageenan induced paw-edema model.

15. Analgesic activity of drug using central and peripheral methods

Note: All laboratory techniques and animal experiments are demonstrated by simulated experiments by softwares and videos

B. PHARM VI SEM:

BP 608 P. PHARMACOLOGY-III (Practical) 4Hrs/Week

1. Dose calculation in pharmacological experiments

2. Antiallergic activity by mast cell stabilization assay

3. Study of anti-ulcer activity of a drug using pylorus ligand (SHAY) rat model and NSAIDS induced ulcer model.

4. Study of effect of drugs on gastrointestinal motility

5. Effect of agonist and antagonists on guinea pig ileum

6. Estimation of serum biochemical parameters by using semi- autoanalyzer

7. Effect of saline purgative on frog intestine

8. Insulin hypoglycaemic effect in rabbit

9. Test for pyrogens (rabbit method)

10. Determination of acute oral toxicity (LD50) of a drug from a given data

11. Determination of acute skin irritation / corrosion of a test substance

12. Determination of acute eye irritation / corrosion of a test substance

13. Calculation of pharmacokinetic parameters from a given data

14. Biostatistics methods in experimental pharmacology (student 's t test, ANOVA)

15. Biostatistics methods in experimental pharmacology (Chi square test, Wilcoxon Signed Rank test)

*Experiments are demonstrated by simulated experiments/videos

III PHARM D PHARMACOLOGY 4hrs/week

1.Study of laboratory animals and their handling (a. Frogs, b. Mice, c. Rats, d. Guinea pigs, e. Rabbits).

2. Study of physiological salt solutions used in experimental pharmacology.

3. Study of laboratory appliances used in experimental pharmacology.

4. Study of use of anesthetics in laboratory animals.

5. To record the dose response curve of Ach using isolated ileum/rectus abdominis muscle preparation.

6. To carry out bioassay of Ach using isolated ileum/rectus abdominis muscle preparation by interpolation method.

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7. To carry out bioassay of Ach using isolated ileum/rectus abdominis muscle preparation by three-point method.

8. To record the dose response curve of Histamine using isolated guinea -pig ileum preparation.

9. Study of agonistic and antagonistic effects of drugs using isolated guinea -pig ileum preparation.

10. To carry out bioassay of Histamine using isolated guinea -pig ileum preparation by interpolation method.

11. To carry out bioassay of Histamine using guinea -pig ileum preparation by three-point method.

12. To study the routes of administration of drugs in animals (Rats, Mice, Rabbits).

13. Study of theory, principle, procedure involved and interpretation of given results for the following experiments: a) Analgesic property of drug using Analgesiometer. b) Anti-inflammatory effect of drugs using rat-paw edema method. c) Anticonvulsant activity of drugs using maximal electroshock and pentylene tetrazole methods. d) Antidepressant activity of drugs using pole climbing apparatus and pentobarbitone induced sleeping time methods. e) Locomotor activity evaluation of drugs using Actophotometer and rotarod. f) Cardiotonic activity of drugs using isolated frog heart and mammalian heart preparations.

*Experiments are demonstrated by simulated experiments/videos.

NUMBER OF HOURS OF PROGRAMME

1. B. PHARM IV SEM – 4hrs/week
2. B. PHARM V SEM- 4hrs/week
3. B. PHARM VI SEM – 4hrs/week
4. PHARMD III YEAR- 4hrs/week

LIST OF STUDENTS:

IVand V SEM B. PHARM:

SLNO	REGISTER NUMBER	NAME OF THE CANDIDATE
1.	18p0451	A.Angelin Kiruba.
2.	18p0452	Abilash.A
3.	18p0453	Acksa Thomas
4.	18p0454	Ajith Gowda
5.	18P0455	Akshay Kumar KV
6.	18p0456	Aleena joshy
7.	18P0457	Anisha Swain
8.	18p0458	Anusha .S
9.	18p0459	R.Ashwini
10.	18p0460	Ashwiniramaswamy
11.	18P0461	Babul Kumar
12.	18P0462	Binuka Tamang
13.	18p0463	C. Mohammed Yaseen

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No.	ID	Name
14.	18p0464	Chaithanya N
15.	18p0465	Chandana.N
16.	18P0466	Chevuri Kavya Nikitha
17.	18p0467	Daivanai R
18.	18p0468	Deeksha k Suvarna
19.	18p0469	Deepak.N
20.	18p0470	Dileep s
21.	18p0471	Emmanuel Ebenazer J P
22.	18p0472	Gail Tony
23.	18p0473	GunashreeA
24.	18p0474	Harshashree M
25.	18p0475	Hrishikesh Pathak
26.	18p0476	Jagadevi
27.	18P0477	Janani.C
28.	18p0478	Jayashree
29.	18p0479	Joan R. Zaithanpuii
30.	18P0480	Johnsi.S
31.	18P0481	K Monica
32.	18p0482	kavya s m
33.	18p0483	Kavyasree R
34.	18p0484	Kishore C
35.	18P0485	Kogileshwari.S
36.	18p0486	Lalithkumar.M
37.	18P0487	M.Lavanya
38.	18p0488	K .loga Bharani
39.	18p0489	Manu kumar
40.	18P0490	Medaki samati
41.	18p0491	Mir Raza Abbas
42.	18p0492	Monisha S
43.	18p0493	Mukesh kumar rauniyar
44.	18P0494	Mukesh Thakur
45.	18p0495	Murali.b
46.	18p0496	Muskan
47.	18p0497	Narendiran .R
48.	18P0498	S. Naresh Kumar
49.	18p0499	Navin
50.	18p0500	Neha Singh
51.	18p0501	Nikhath Fathima m
52.	18p0502	Nikhil kumar BN
53.	18p0503	Nikhil k
54.	18P0504	Olivia Miriam
55.	18p0505	Oviya.p
56.	18P0506	Pavankumar sc
57.	18P0507	Pavithra
58.	18p0508	Pradeep p
59.	18p0509	Prakash
60.	18P0510	PREETHI.K
61.	18P0511	PUNITH KUMAR L

62.	18p0512	Rakesh.DR
63.	18p0513	Rakshitha cs
64.	18P0514	RANJITH.M
65.	18p0515	RASHMI.S.
66.	18p0516	Rashmitha.R
67.	18p0517	Rohith N
68.	18p0518	Rupchi t Sangma
69.	18p0519	Sahana
70.	18P0520	Sampada Adhikari
71.	18p0521	SANTHALA CHAITHANAYA PRASAD
72.	18P0522	Sasikirana.S
73.	18p0523	Shilpa.B
74.	18p0524	Shiva Kumar m
75.	18P0525	Shivangi Chaudhary
76.	18p0526	Shravani k
77.	18p0527	Siddharth Bairagi
78.	18P0528	snigdha senapati
79.	18p0529	Sobana.s
80.	18P0530	Somashekar R
81.	18p0531	Suchithra.G
82.	18P0532	Suravi Dutta
83.	18p0533	P.Surendar
84.	18P0534	Swetha M
85.	18p0535	Tamilselvan. M
86.	18p0536	Thanuja R
87.	18p0537	Ubaise pm
88.	18p0538	Uday Kiran.g
89.	18p0539	P. Velavan
90.	18p0540	Vengatachalam.m
91.	18P0541	Venu G
92.	18p0542	Vijay Kumar. N
93.	18p0543	Vijayalakshmi. M
94.	18P0544	Yashwanth v reddy
95.	18p0554	Ahmed Thabit Omer
96.	18p0555	Azzam
97.	18P0556	Effen G.Venkadee
98.	18P0557	EKUNBOYEJO IFEOLUWA
99.	19P2247	Kamala v patel
100.	19P2248	Sahnoor qureshi
101.	19p2249	Samarth sj
102.	19p2251	Shanmuga sundaram.N
103.	19p2252	Veda M
104.	19P2253	Ratneshkumar singh

VI SEM B. PHARM

SLNO	REGISTER NUMBER	NAME OF THE CANDIDATE
1.	17P0751	Agniva Ghosh
2.	17P0752	Aman Pandit
3.	17P0753	Amit Chaudhary
4.	17P0754	Amrutha S
5.	17P0755	Aparna Bhaskar
6.	17P0756	Arnab Manna
7.	17P0757	Bharath J
8.	17P0758	Bibi Tahsin Dusoruth
9.	17P0759	Chandanashree G
10.	17P0760	Chethan C
11.	17P0761	D Pouzii Duo
12.	17P0762	Deepam Pradhan
13.	17P0763	Deepika V
14.	17P0764	Deevedna Ghoora
15.	17P0765	Dhiraj Patel
16.	17P0766	Gowthami N
17.	17P0767	Grace Vanlaldintluangi
18.	17P0768	Hanna Saarah Abdoolkader
19.	17P0769	Harshitha P
20.	17P0770	Hrushikesh V
21.	17P0771	Immanuvel A
22.	17P0772	JayaLakshmi M
23.	17P0773	Keerthana K
24.	17P0774	Kingsly Dass
25.	17P0775	Komala N
26.	17P0776	Kooshika Devi Udhin
27.	17P0777	Lakshmi S
28.	17P0778	Lalrinliana Sailo
29.	17P0779	Likhitha C
30.	17P0780	M Subam Lall
31.	17P0781	Madhura M Bose
32.	17P0782	Maithili Sinha
33.	17P0783	Malsawmtluangi Sailo
34.	17P0784	Maria Danish Alwin R
35.	17P0785	Mathew Savio
36.	17P0786	Milan Bahadur
37.	17P0787	Mir Mujtava Abbas
38.	17P0788	Mohammad Abbas A
39.	17P0789	Mohammad Ismael fadil Jowaheer
40.	17P0790	Mohammed Afsar K
41.	17P0791	Mohammed Umar Khan
42.	17P0792	Monika K
43.	17P0793	Muhammad Yaseen P Ummar
44.	17P0794	N Rajat
45.	17P0795	Nagarjun V
46.	17P0796	Nandini. L

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Chikkabellandur, Carmelaram Post,
Varthur Hobli, Bangalore - 560 035

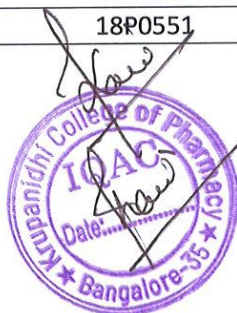| 47.	17P0797	Navya S
48.	17P0798	Navya S
49.	17P0799	Nikilesh R
50.	17P0800	Nimisha Rimal Chhetri
51.	17P0801	Nitthin P
52.	17P0802	Omar Fuad Mahmoud Alhadi
53.	17P0803	Pavan G S
54.	17P0804	Pavithra S
55.	17P0805	Pelden Dema
56.	17P0806	Prathima H N
57.	17P0807	Praveen Kumar S
58.	17P0808	Prethewsh Nadh. S
59.	17P0809	Rachana G
60.	17P0810	Rajkumar M
61.	17P0811	Rajitha M
62.	17P0812	Ravikiran
63.	17P0813	Reena Thapa
64.	17P0814	Roselyne Lalchhandami
65.	17P0815	Rosita Ruth Carlota
66.	17P0816	Ruby Rauniyar Shah
67.	17P0817	S. Gokul
68.	17P0818	Saran P S
69.	17P0819	Sathish A
70.	17P0820	Sathya Murthy A
71.	17P0821	Shekar Reddy P
72.	17P0822	Shreyas K Reddy
73.	17P0823	Sougata Bhunia
74.	17P0824	Srijan Debroy
75.	17P0825	Supratip Laha
76.	17P0826	Syed Faizaan
77.	17P0827	Syed Jari Abbas
78.	17P0828	Syed Mohammed Dayeem
79.	17P0829	Syed Mohasin Abbas
80.	17P0830	Tadjo Fokam Linis Morel
81.	17P0831	Thriveni L
82.	17P0832	Udai Moeen Saeed Bader
83.	17P0833	Vaishalini D
84.	17P0834	Yamini B R
85.	17P0835	Yeshaswini G
86.	17P0836	Yeshta Bhaargavee Domah
87.	17P0837	Zainab Kouser E
88.	18P0544	Harshitha
89.	18P0546	navya S p
90.	18P0547	nishmitha
91.	18P0548	aftab
92.	18P0549	ravi kumar
93.	18P0550	shahid
94.	18P0551	kimi

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	95.	18P0552	nethravathi
	96.	18P0553	chandana
	97.	18P0545	Hafeezulla

III PHARM D:

SL NO	REGISTER NUMBER	NAME OF THE CANDIDATE
98.	17Q0801	Abdul Mohammed Basha
99.	17Q0802	Abid Raza
100.	17Q0803	Ameena Sadaf H.S
101.	17Q0804	Anjali Vijay Menon
102.	17Q0805	Athulya Abraham
103.	17Q0806	Sandhya B
104.	17Q0807	Benison Binny
105.	17Q0808	Bhuvaneshwari A
106.	17Q0809	Dafney Viola Sequeira
107.	17Q0810	Deepika Karki
108.	17Q0811	Ganta Alexkumar
109.	17Q0812	Harsha CK
110.	17Q0813	Hemasri V
111.	17Q0814	Kanivi Julitta
112.	17Q0815	Kelhoukhrienuo Suokhrte
113.	17Q0816	Lalrinfeli Pachuau
114.	17Q0817	Megan Elita D Sa
115.	17Q0818	Meghana G
116.	17Q0819	Meghana M R
117.	17Q0820	Nameerah Javed
118.	17Q0821	Rashmi N Y
119.	17Q0822	Rumana Khatija
120.	17Q0823	Savitha M
121.	17Q0824	Simran Khanum
122.	17Q0825	Sruthi Vemana
123.	17Q0826	Suikrithi Sharma
124.	17Q0827	Teena Rose
125.	17Q0828	Thejas Yadav
126.	17Q0829	Vedula hriday kamal
127.	17Q0830	Udit Sagar

Principal

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Krupanidhi College of Pharmacy
Chikkabellandur, Carmelaram Post,
Varthur Hobli, Bangalore - 560 035