



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

2.3 Student centric methods such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers used ICT Enabled tools including online resources for effective teaching and learning process (AY: 2021-22)

## INDEX

S. No	Description	Page No
1	Sample Copy of LCD Projector	2
2	Sample Copy of chalk and board	3
3	Sample Copy of LCD projector used classes	4
4	Sample Copy of online teaching	5-6
5	Sample Copy of blended teaching	7
6	Sample Copy of Edu blogs	8
7	Sample Copy of industrial training& internship	9-15
8	Sample Copy of hands on learning	16-17
9	Sample Copy of assignment	18-20
10	Sample Copy of innovative model making	21
11	Sample Copy of project based learning	22-85
12	Sample copy of case study learning	86-101
13	Sample Copy of E-learning	102-109
14	Sample Copy of workshop & guest lectures	110
15	Sample Copy of pharmacy seminars	111
16	Sample Copy of group discussion& debates	112-117
17	Sample Copy of bridge courses	118-123
18	Sample Copy of remedial classes	124-149
19	Sample Copy of lab sessions	150-152
20	Sample copy of quiz	153
21	Sample copy of think pair share	154
22	Sample copy of club activities	155
23	Sample copy of problem solving methods	156-159
24	Sample copy of virtual labs	160-163

*S. Venkatesh*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H-7,  
KURNOOL - 518 218 (A.P.)



# Dr. K.V. Subba Reddy Institute of Pharmacy

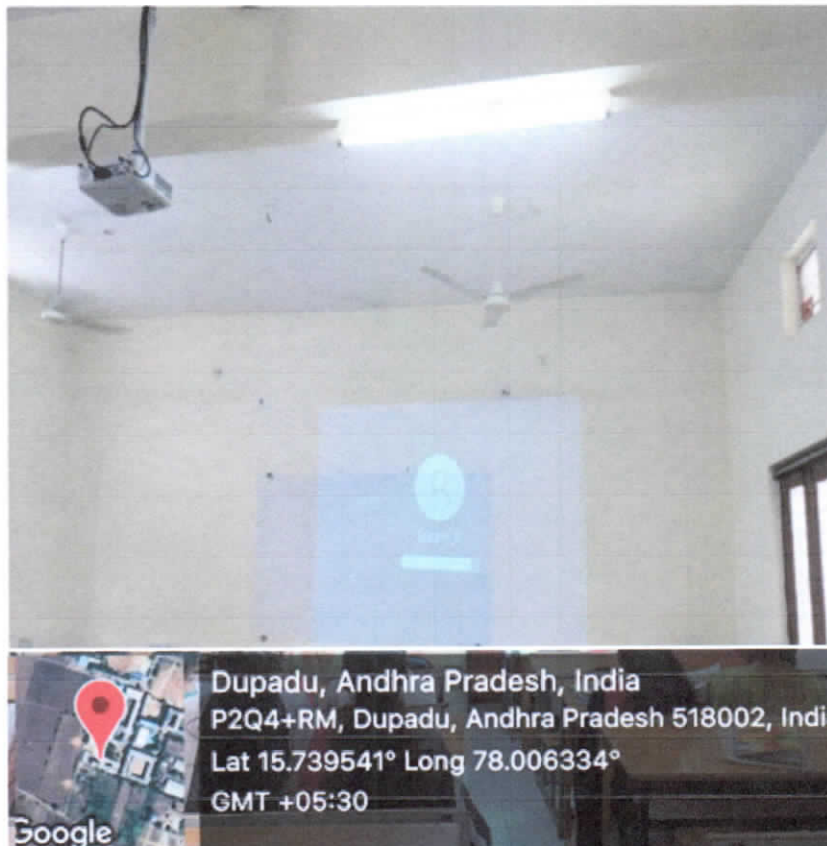
(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## LCD PROJECTOR:

Spacious, well-lit and well-ventilated classrooms and seminar hall [with ICT] with comfortable seating arrangement are available for smooth conduct of UG and PG theory sessions. Besides the conventional teaching aids, classrooms are also equipped with state-of-the-art audiovisual technology viz. digital smart board, LCD Projectors, thus stepping up the teaching-learning experience to next higher level. Well-thought positioning of aisle in the classroom ensure proper interaction between teacher and students



*S. Hemanga*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)

The list of various ICT enabled pedagogical initiatives used by the faculty members for improving teaching and learning experience are as follows:

**Chalk and board:** To convey basics, critical information, backgrounds, theories



Fig1.1:Mrs.Anuradha Assistant professor of Department of Mathematics explaining concepts of Matrix for Pharm D I year students of pharmacy using chalk and board

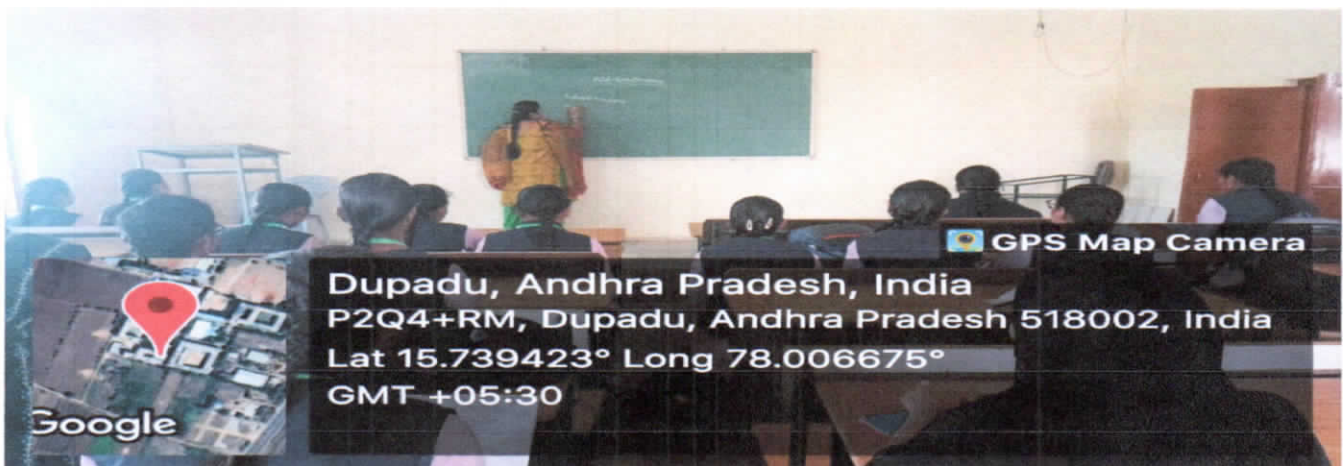


Fig: 1.2Mrs.B.Jhansi, Assistant professor of department of Pharmaceutical Chemistry explains the concepts of Acid-Base Reaction for B.Pharmacy I year students of pharmacy using chalk and board

*B. Jhansi*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)  
KURNOOL-518218 (A.P.)

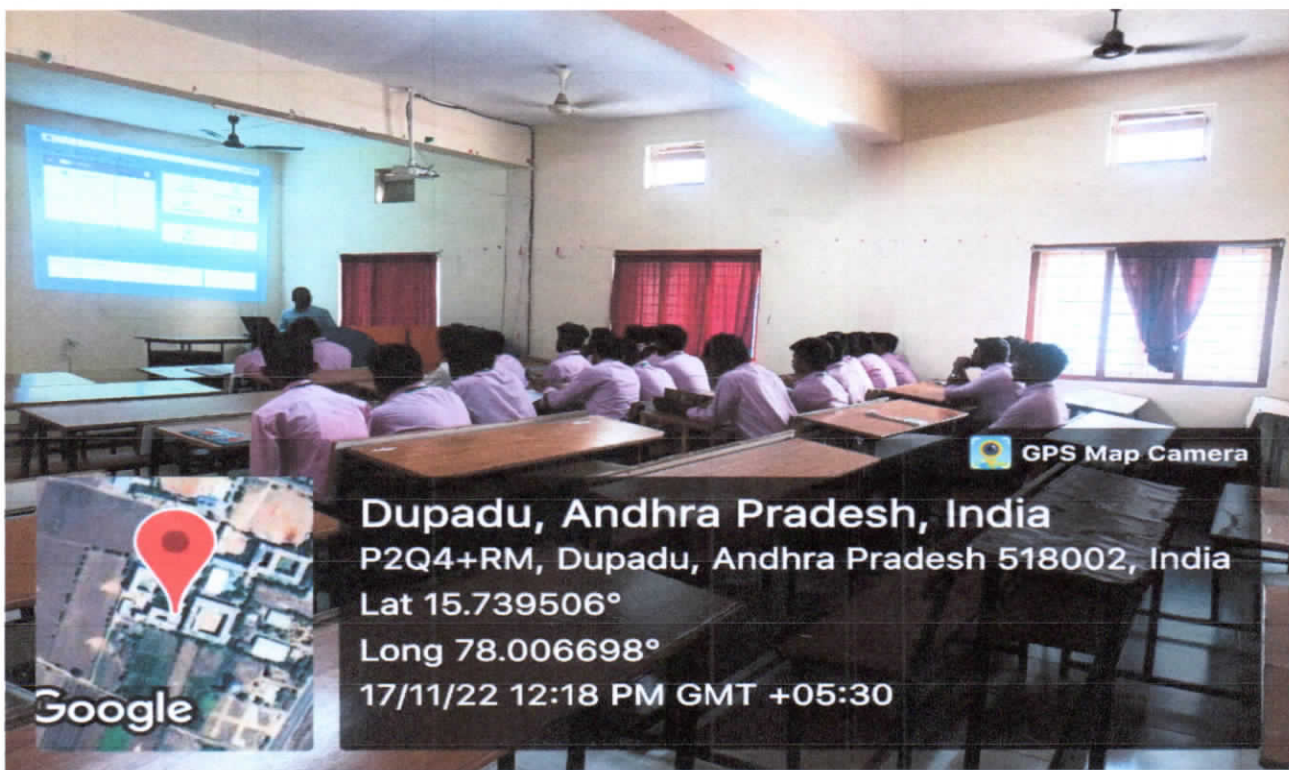


Fig: Fig. 1.2 Mr.Harish, Assistant professor of department of Pharmacy Practice explains the topic of ICF using LCD projector.

*S. Hemana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



# Dr. K.V. Subba Reddy Institute of Pharmacy

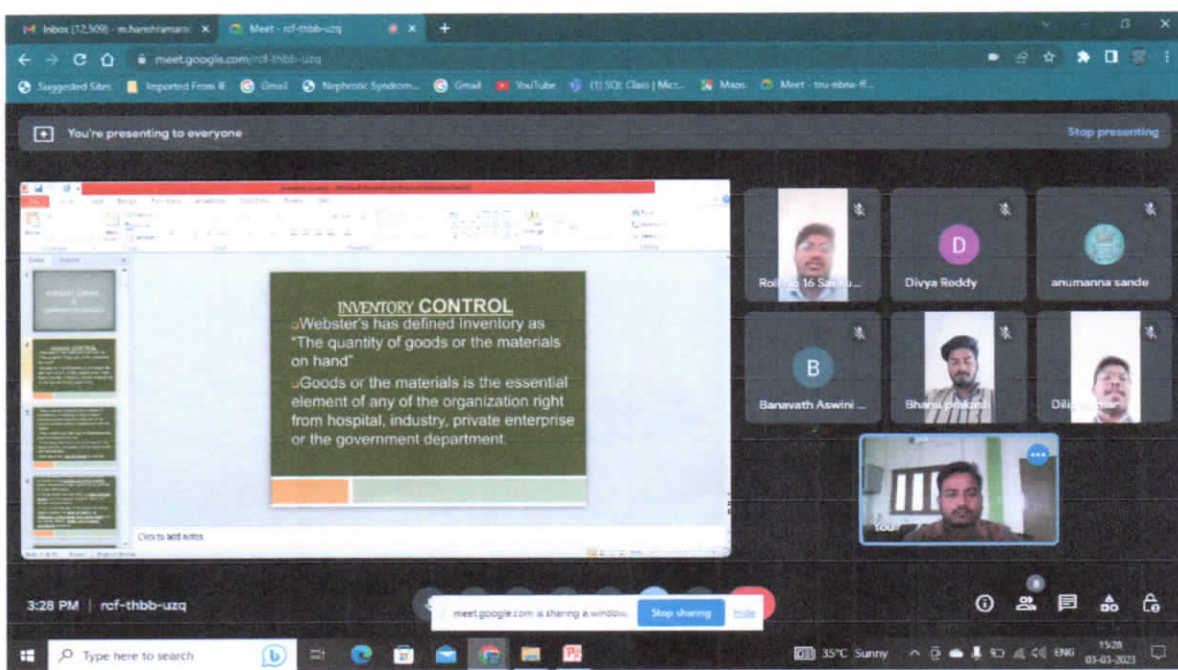
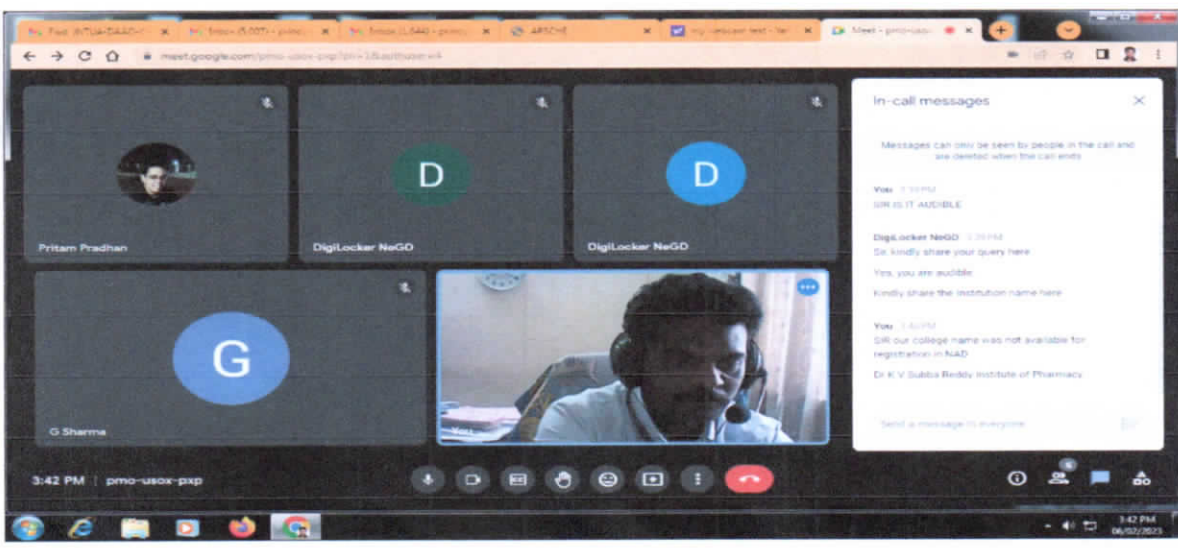
(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

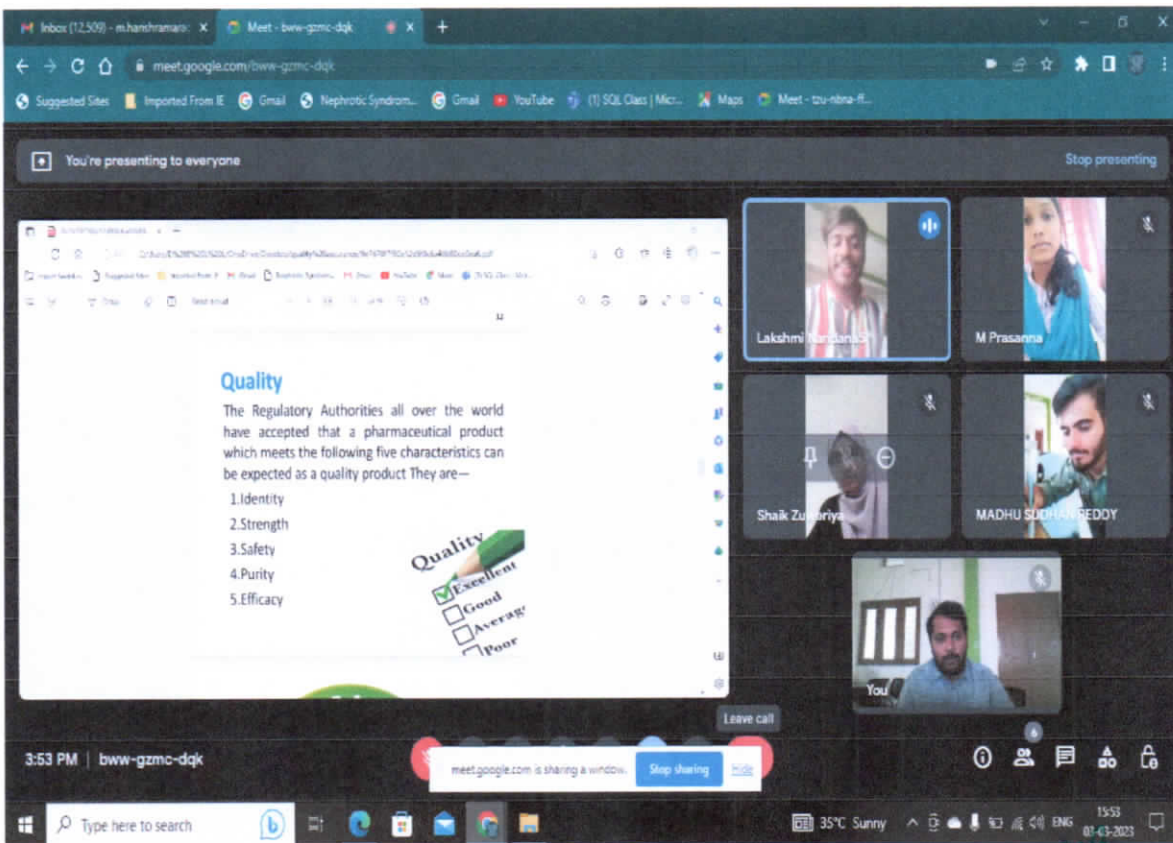
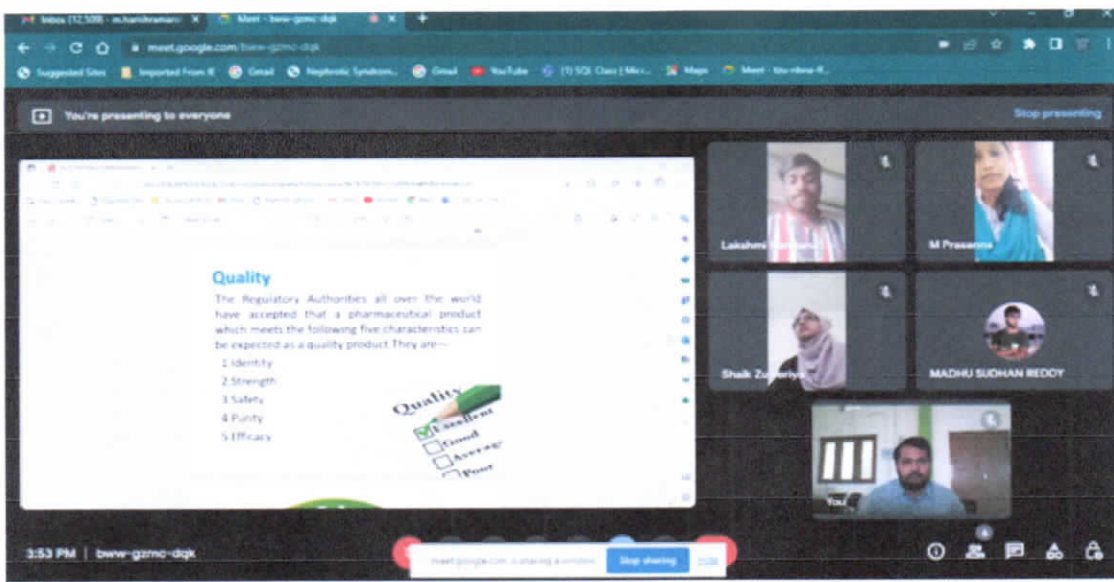
Date : .....

## ONLINE TEACHING :

Especially during Covid-19 pandemic situation made a swift transition from classroom to online teaching by using platforms like Google meet, Google classroom, ZOOM, CISCO, WEB-EX, and You tube.



*B. Venkatesh*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



*Skema*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



# Dr. K.V. Subba Reddy Institute of Pharmacy

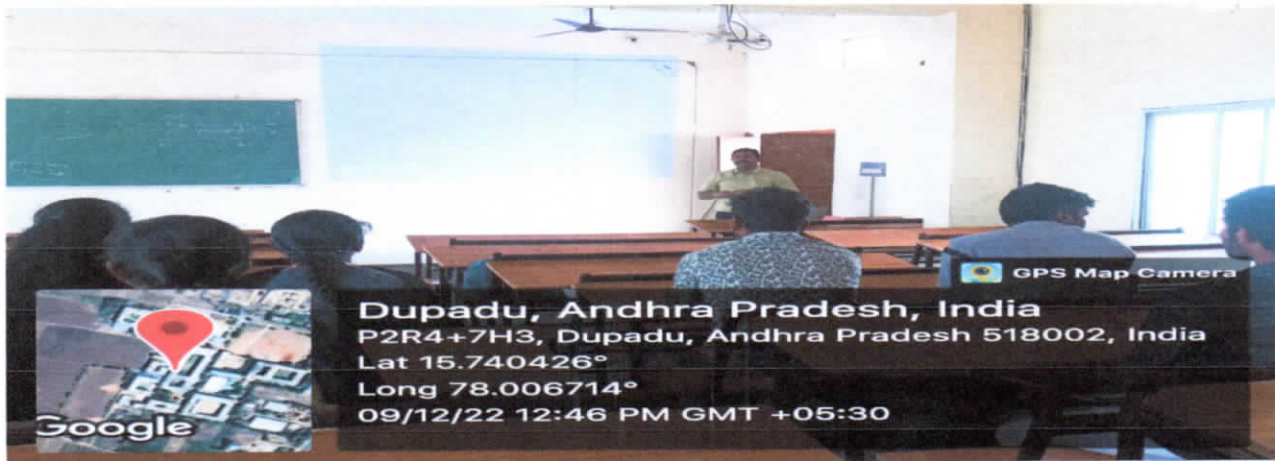
(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## BLENDING TEACHING:

Teaching aid techniques such as video lectures and PowerPoint presentations are being used for the implementation of active learning strategies such as collaborative and individual learning activities.



Mr.P.T.Nagaraju, M.pharm department of pharmaceutical analysis explaining basic concepts in analysis to B.Pharm I Year students.

*Sitemana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



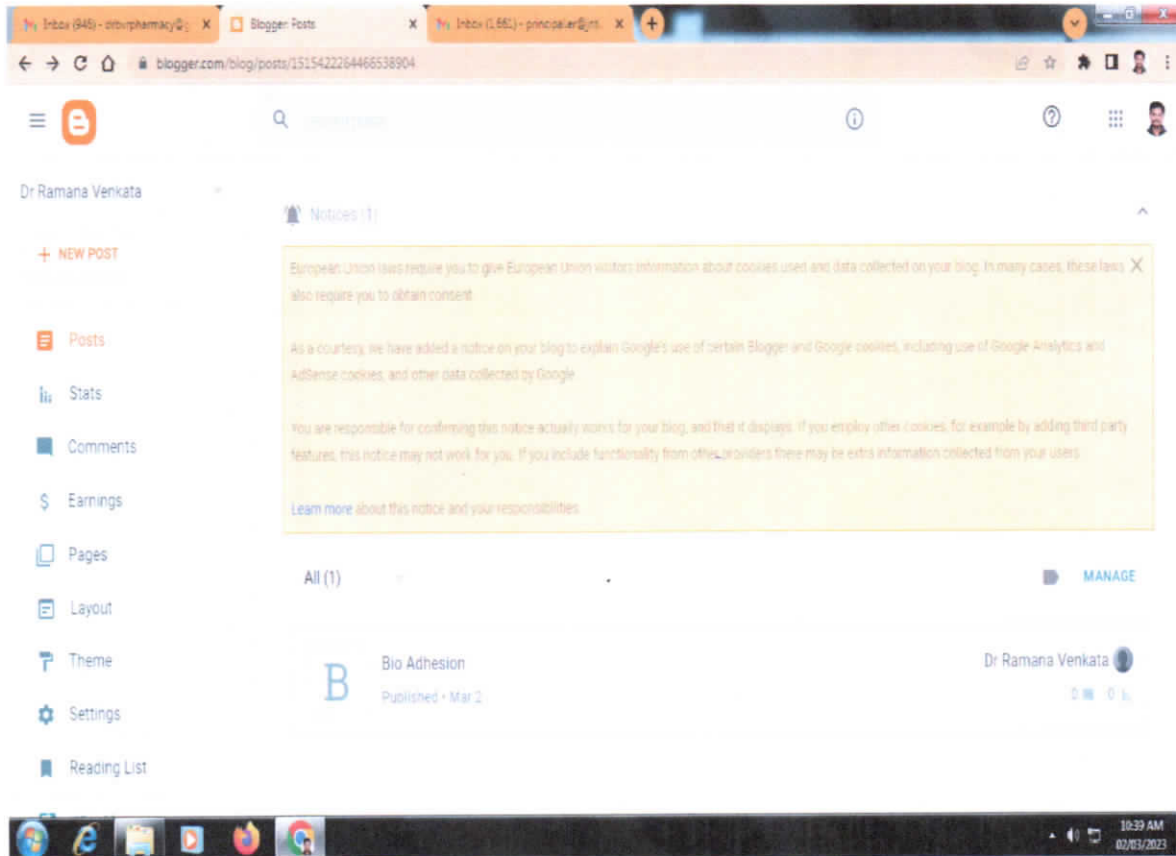
# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

**Edu-Blogs:** Faculty blogs and channels are used as instructional potential of online resources to students



*Ramana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)





# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## INDUSTRIAL TRAINING 14/06/2022- 30/06/2022

Industrial training, where a student undertakes a period of training at an organization usually during a semester break, acts as an important part in preparing the student for a professional career. With the actively involved preparation, the student learns about the industrial demands, skill set and work ethics.

Every year students experience industrial training as per the syllabus prescribed in JNTUA and gain knowledge of various departments like Formulation and research department (FR&D) i.e., Manufacturing of Tablets, capsules and injection preparations etc., Quality Assurance, Quality control, Clinical research, Drug regulatory affairs, Hospital Pharmacy etc. as such III year B.Pharmacy students have visited KRISH CARE FORMULATIONS& BRILLIANT BIO PHARMA(P)LTD, Hyderabad, Telangana-5000 72, India and received hands on experience about industry affairs.



*B. Venkatesh*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



Date:14/06/2022

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr. G. TARUN KUMAR (18ER1R0016) S/O G.RAMU is bonafied student of DR.K.V.SUBBAREDDY INSTITUTE OF PHARMACY, KURNOOL. He has undergone industrial training in our organization from 14.06.2022 to 30.06.2022 as part of partial fulfillment of his B. Pharmacy course.

During the training, he had interacted with Quality control, Quality Assurance & Production departments and acquired basic knowledge in these areas.

During this aforesaid period, we found his hard working, sincere and learning attitude

For KRISHCARE FORMULATIONS

Managing Partner



Mfg.lic.No.:1/RR/AP/2011/F/G

11-6-56/2/25, Opp. IDPL Factory, Balanagar, Hyderabad - 500 037  
Cell: +91-9959666898 Telefax: 040-23060195 Email: krishcare@krishcare.com

*A. Hemara*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Date:14/6/2022


**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Ms.P.SALIMA (18ER1R0038) D/O P.BASHA is bonafied student of DR.K.V.SUBBAREDDY INSTITUTE OF PHARMACY, KURNOOL. She has undergone industrial training in our organization from 14.06.2022 to 30.06.2022 as part of partial fulfillment of his B. Pharmacy course.

During the training, she had interacted with Quality control, Quality Assurance & Production departments and acquired basic knowledge in these areas.


During this aforesaid period, we found her hard working, sincere and learning attitude

For KRISHCARE FORMULATIONS

  
Managing Partner 

Mfg. Lic. No. 1 RR AP 2011 F C.

11-6-56/2/25, Opp. IDPL Factory, Balanagar, Hyderabad - 500 037  
Cell: +91-9959666898 Telefax: 040-23060195 Email: krishcareR@basha.com

  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



Date:14/6/2022

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Mr.S. MALIK BASHA(18ER1R0044) S/O S.GOUSE MOHIDDIN is bonafied student of DR.K.V.SUBBAREDDY INSTITUTE OF PHARMACY, KURNOOL. He has undergone industrial training in our organization from 14.06.2022 to 30.06.2022 as part of partial fulfillment of his B. Pharmacy course.

During the training, he had interacted with Quality control, Quality Assurance & Production departments and acquired basic knowledge in these areas.

During this aforesaid period, we found his hard working, sincere and learning attitude

For KRISHCARE FORMULATIONS

Managing Partner



Mfg.lic.No.:FRR/AP/2011/F.G.

---

11-6-56/2/25, Opp. IDPL Factory, Balanagar, Hyderabad - 500 037.  
Cell : +91-9959666898 Telefax : 040-23060195 Email : krishcare@vsnl.com

*S. Venkatesh*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



Date:14/6/2022

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that Ms.H.ZAKIYA AFRIN (18ER1R0063) D/O H.KALIMULLA is bonafied student of DR.K.V.SUBBAREDDY INSTITUTE OF PHARMACY, KURNOOL. She has undergone industrial training in our organization from 14.06.2022 to 30.06.2022 as part of partial fulfillment of his B. Pharmacy course.

During the training, she had interacted with Quality control, Quality Assurance & Production departments and acquired basic knowledge in these areas.

During this aforesaid period, we found her hard working, sincere and learning attitude

For KRISHCARE FORMULATIONS

Managing Partner



Mfg. Lic. No. JRR AP 2011 F C.

---

11-6-56/2/25, Opp. IDPI Factory, Balanagar, Hyderabad - 500 037.  
Cell : +91-9959666898 Telefax : 040-23060195 Email : krishcare@krishcare.com

*S. Hanumanth*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



## **INTERNSHIP:**

### **DEPARTMENT OF PHARM.D STUDENTS INTERNSHIP REPORT**

**Academic Year:** 2016-22

**Batch:** 2016

#### **Internship Title:**

The Pharm.D institutions are aligned with adjacent hospitals in order to provide real-time training including ward rounds. Students are acknowledged with practical in clinical pharmacy and medical pharmacy. After completion of the course, students are gained with the skills in diagnosis, therapeutic usage of drugs, treatment and selection of diseases

**Internship Period:** 15-06-2020 to 14-06-2021.

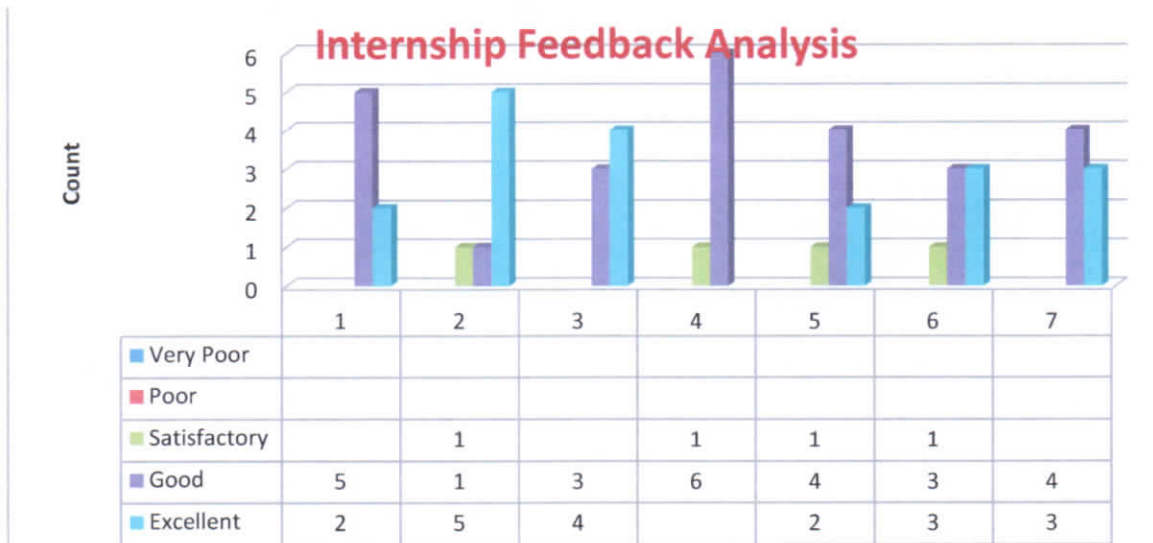
**Company/ Organization:** Kurnool General Hospital, **Kurnool**

*S. K. S. R.*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

**Students Feedback:**

FACTORS ON FEEDBACK		Very Poor	Poor	Satisfactory	Good	Excellent
<b>FACTOR: WARD ROUNDS</b>						
1.	The tasks given are related to the subjects that I have learned in the institution.				5	2
2.	The tasks given are Challenging and testing your mettle.			1	1	5
3.	The tasks given were able to complete within the given duration.				3	4
<b>FACTOR: CLINICAL AND MEDICAL PHARMACY SKILLS</b>						
4.	The work environment is suitable for training of industrial trainee.			1	6	
5.	The colleagues provide good support and respect of industrial trainees.			1	4	2
<b>FACTOR: IN DIAGNOSIS SKILLS</b>						
6.	The training attended has prepared me well to work in the industry in terms of knowledge.			1	3	3
7.	The overall learning in the institution had helped me to go through industrial training with confidence.				4	3
<b>FACTOR: THERAPEUTIC USAGE OF THE DRUGS</b>						
8.	The training attended has prepared me well to work in the industry in terms of knowledge.			1	3	3
9.	The overall learning in the institution had helped me to go through industrial training with confidence.					43

*S. Hemana*  
**PRINCIPAL**  
 Dr. K.V.S.R. Institute of Pharmacy  
 Opp: Dupadu R.S. N.H.-44,  
 KURNOOL-518218 (A.P.)



#### Impact Analysis:

The Internship help the students in the following ways.

- ✓ All the students got Valuable Work Experience
- ✓ Students can present papers in journals/conferences.
- ✓ Students can get placements in Companies.
- ✓ Students can easily choose right career.
- ✓ They will also get multiple Job opportunities.

*S. K. Mani*  
PRINCIPAL

**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)







**Certificate for Internship**



This certificate is for Mr. Srikrishna Jyothika with  
 Roll No. 16ER110012 has successfully completed his/her internship as per  
 the curriculum of Pharm.D. (Doctor of Pharmacy) provided under the regulations of Andhra  
 State Council of Pharmacy Education (APSCPE) of India (A.P.). New Delhi and  
 Andhra State Technological University (ASTU), Visakhapatnam of Government  
 General Hospital, Kurnool from 15-6-2021 to 14-6-2022 and it was Satisfactory

DEPARTMENT	TOTAL NO. BLENDS (IN MONTHS)
GENERAL MEDICINE	4 months
PHYSIOLOGY	2 months
GENERAL SURGERY	2 months
POST GRADUATE	2 months

*S. Kumaraswamy*  
 Principal  
 Dr. K.V.S. Institute of Pharmacy  
 Old Dupadu R.S. N.H. 44,  
 KURNOOL-518218 (A.P.)

**Certificate for Internship**



This certificate is for Mr. Savarala Lokesh Royal with  
 Roll No. 16ER110020 has successfully completed his/her internship as per  
 the curriculum of Pharm.D. (Doctor of Pharmacy) provided under the regulations of Andhra  
 State Council of Pharmacy Education (APSCPE) of India (A.P.). New Delhi and  
 Andhra State Technological University (ASTU), Visakhapatnam of Government  
 General Hospital, Kurnool from 15-6-2021 to 14-6-2022 and it was Satisfactory

DEPARTMENT	TOTAL NO. BLENDS (IN MONTHS)
GENERAL MEDICINE	4 months
PHYSIOLOGY	2 months
GENERAL SURGERY	2 months
POST GRADUATE	2 months

*S. Kumaraswamy*  
 Principal  
 Dr. K.V.S. Institute of Pharmacy  
 Old Dupadu R.S. N.H. 44,  
 KURNOOL-518218 (A.P.)

**Certificate for Internship**



This certificate is for Mr. Somula SubbaReddy with  
 Roll No. 16ER110023 has successfully completed his/her internship as per  
 the curriculum of Pharm.D. (Doctor of Pharmacy) provided under the regulations of Andhra  
 State Council of Pharmacy Education (APSCPE) of India (A.P.). New Delhi and  
 Andhra State Technological University (ASTU), Visakhapatnam of Government  
 General Hospital, Kurnool from 15-6-2021 to 14-6-2022 and it was Excellent

DEPARTMENT	TOTAL NO. BLENDS (IN MONTHS)
GENERAL MEDICINE	4 months
PHYSIOLOGY	2 months
GENERAL SURGERY	2 months
POST GRADUATE	2 months

*S. Kumaraswamy*  
 Principal  
 Dr. K.V.S. Institute of Pharmacy  
 Old Dupadu R.S. N.H. 44,  
 KURNOOL-518218 (A.P.)

**Certificate for Internship**



This certificate is for Mrs. Itla Vishnavi with  
 Roll No. 16ER110024 has successfully completed his/her internship as per  
 the curriculum of Pharm.D. (Doctor of Pharmacy) provided under the regulations of Andhra  
 State Council of Pharmacy Education (APSCPE) of India (A.P.). New Delhi and  
 Andhra State Technological University (ASTU), Visakhapatnam of Government  
 General Hospital, Kurnool from 15-6-2021 to 14-6-2022 and it was Excellent

DEPARTMENT	TOTAL NO. BLENDS (IN MONTHS)
GENERAL MEDICINE	4 months
PHYSIOLOGY	2 months
GENERAL SURGERY	2 months
POST GRADUATE	2 months

*S. Kumaraswamy*  
 Principal  
 Dr. K.V.S. Institute of Pharmacy  
 Old Dupadu R.S. N.H. 44,  
 KURNOOL-518218 (A.P.)

**Certificate for Internship**



This certificate is for Mrs. Velamthi Hari Sushma with  
 Roll No. 16ER110025 has successfully completed his/her internship as per  
 the curriculum of Pharm.D. (Doctor of Pharmacy) provided under the regulations of Andhra  
 State Council of Pharmacy Education (APSCPE) of India (A.P.). New Delhi and  
 Andhra State Technological University (ASTU), Visakhapatnam of Government  
 General Hospital, Kurnool from 15-6-2021 to 14-6-2022 and it was Satisfactory

DEPARTMENT	TOTAL NO. BLENDS (IN MONTHS)
GENERAL MEDICINE	4 months
PHYSIOLOGY	2 months
GENERAL SURGERY	2 months
POST GRADUATE	2 months

*S. Kumaraswamy*  
 Principal  
 Dr. K.V.S. Institute of Pharmacy  
 Old Dupadu R.S. N.H. 44,  
 KURNOOL-518218 (A.P.)

**Certificate for Internship**



This certificate is for Mrs. Shaik Shabana Tahaseen with  
 Roll No. 16ER110028 has successfully completed his/her internship as per  
 the curriculum of Pharm.D. (Doctor of Pharmacy) provided under the regulations of Andhra  
 State Council of Pharmacy Education (APSCPE) of India (A.P.). New Delhi and  
 Andhra State Technological University (ASTU), Visakhapatnam of Government  
 General Hospital, Kurnool from 15-6-2021 to 14-6-2022 and it was Satisfactory

DEPARTMENT	TOTAL NO. BLENDS (IN MONTHS)
GENERAL MEDICINE	4 months
PHYSIOLOGY	2 months
GENERAL SURGERY	2 months
POST GRADUATE	2 months

*S. Kumaraswamy*  
 Principal  
 Dr. K.V.S. Institute of Pharmacy  
 Old Dupadu R.S. N.H. 44,  
 KURNOOL-518218 (A.P.)

*S. Kumaraswamy*  
**PRINCIPAL**  
 Dr. K.V.S.R. Institute of Pharmacy  
 Opp: Dupadu R.S. N.H.-44,  
 KURNOOL-518218 (A.P.)



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### HANDS – ON LEARNING

B. Pharmacy, Pharm.D & Pharm.D (PB) and M. Pharmacy students gain knowledge in theory by taking part in the pragmatic learning in various laboratories located within the institute. Faculty has designed various experiments according to the syllabus assigned by the JNTUA. Students gain practical awareness through live activities and handling the instruments such as Pharmaceutical Analysis instruments operation UV – Visible Spectrophotometry, HPLC, Pharmacology laboratory experiments with animals, and Pharmaceutical Chemistry etc.,



III/II Pharm.D students learning about Hot Air Oven in the Microbiology Lab.

*S. K. S. Reddy*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



I/II B.Pharmacy student learning about instrumentation at Pharmaceutical Analysis Laboratory.

*S. Venkatesh*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## ASSIGNMENTS

Assignments are the part of the internal examination evaluation process, in which would be immense value as additional learning instruments. Many types of assignments can be given to students of all such as essays, literature reviews, critical reviews, reflective journals, annotated bibliographies and case studies, depends upon the need and learning situations. It implies a task for students to accomplish the aim of learning particular contents, concepts or relationships etc., in this text, learning assignments involve students' independent information seeking and use of a wide range of information resources which are available for them. So every semester/year students are assigned with 2 or 3 topics per each subject regarding to their syllabus and asked to gather more relevant information. Allotment of marks to students is given according to their task completion. Through this student are enriched with knowledge regarding of topic, proof reading of and presentation techniques.

Student Name : G. Naveen Reddy  
Reg No : 81ER190007  
Year & Semester : 1<sup>st</sup> year 2<sup>nd</sup> semester  
Subject : Pharmaceutical Engineering

S.No.	Date of the Assignment	Pages	Marks Awarded	Signature of the Staff
1	2/1/23	1-4	A	<i>[Signature]</i>
2	16/1/23	5-9	A+	
3	6/2/23	10-14	A	
4	20/2/23	15-17	A	
5	10/3/23	17-20	A+	

*[Signature]*  
Signature of HOD

**General Instruction to Students**

- Bring this Assignment notes to College daily. Do not scribble in the assignment notes and do not use it as rough copy. Must maintain regularity & Punctuality.
- Come to College regularly and always be on time.
- Always be clean, well groomed and in proper College dress code.
- Keep the College premises clean and tidy and use all College property with respect and Care.
- It is important to learn to be considerate towards all and courteous and respectful to your parents, teachers and all others.
- Cultivate a good sportsman spirit and be fair and honest in your work and dealings.
- Go Green, Plastic is Obscene!

**Dr. K.V. Subba Reddy Institute of Pharmacy - Kurnool**

Assignment No : 1      Date : 2/1/23      Page No : 1  
Assignment Name : Size Reduction

*S. Naveen*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

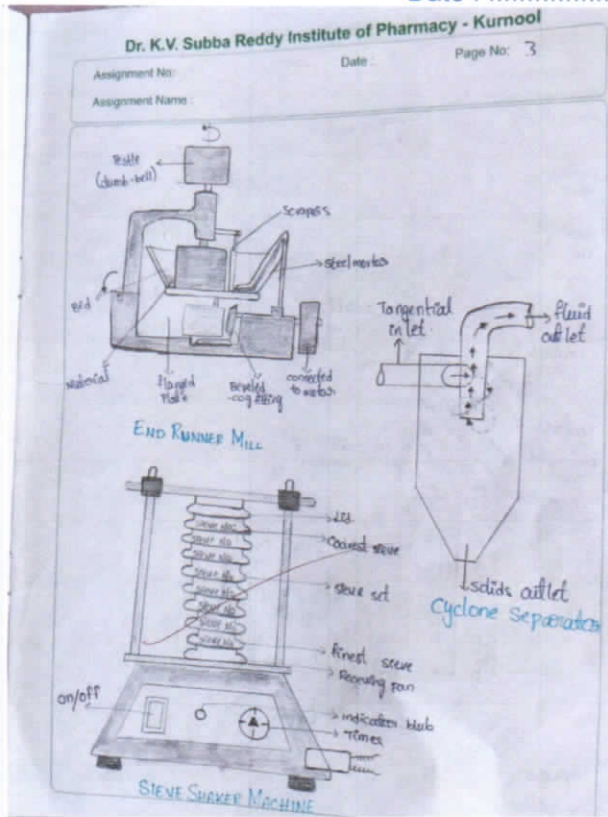
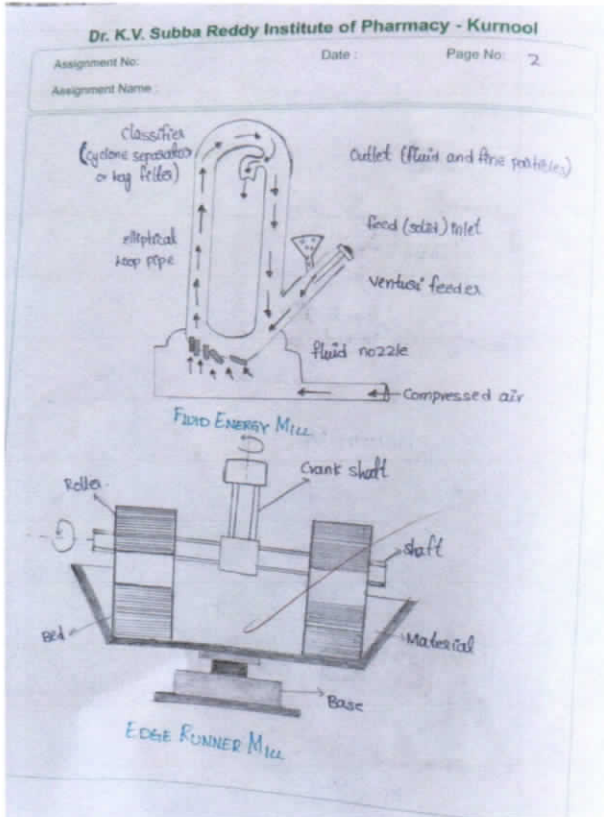


# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*S. Venkatesh*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

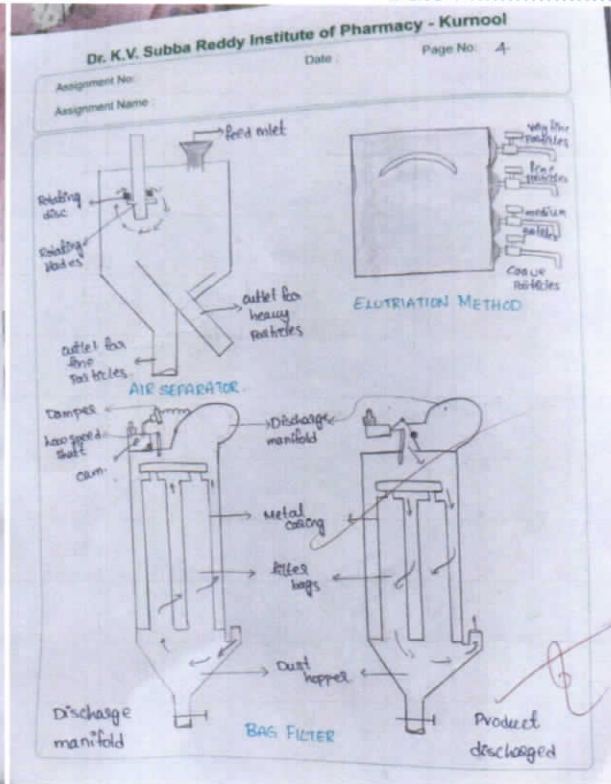
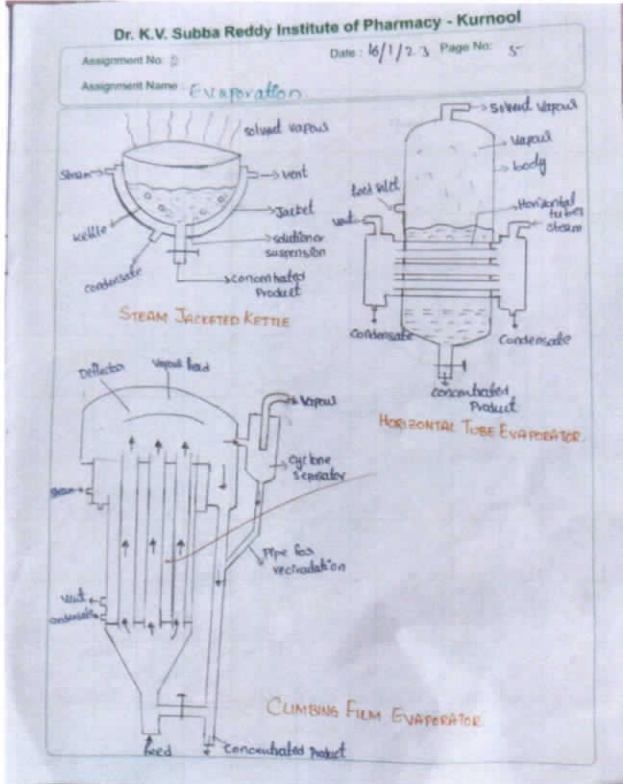


# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*Sithemana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### INNOVATIVE MODEL MAKING:

Students are guided to prepare scientific models through Pharma Expo. The main aim of conducting Pharma Expo is to integrate knowledge within a course, a major, or across an entire Program of study to associate the concepts. This enables students to understand and remember the relationship among various concepts, structures or species.



Model making competition conducted by R.Naga Anjaneyulu IN 2021



*S. Hemana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapur)  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.dikvsrip.ac.in

Principal / Correspondent

Date : .....

### PROJECT BASED LEARNING:

Project based learning is a teaching method where students gain knowledge and skill by working for an extended period of time to investigate and respond to an authentic, engaging and complex questions, problems or challenges. It is not only provides opportunities for students to collaborate with or drive their own learning, but also teaches those skills such as problem solving and helps to develop additional skills integral to their future such as critical thinking and time management. So every year IV B, Pharmacy, V year Pharm.D and II year M. Pharmacy students are allotted with a project under the supervision/guidance of faculty to be completed within an academic year. Marks are allotted to projects according to their performance, project results, presentation and viva-voce. Research and review articles of their projects are published by students in various national and international journals.

### PHARM.D V YEAR PROJECT BATCHES:

S.NO	Registration numbers	GUIDE NAME	Title of the work	Approval number	Signature of the guide
1	17ER1T0001 17ER1T0002 17ER1T0003 17ER1T0004	Dr. G. Nagarajan	Comparing the outcome in patients of Acute Pancreatitis with and Without Prophylactic Antibiotics in a Tertiary Care Hospital	KVSP/IRB/2021-2022/Pharm.D/PROJ/021	
2	17ER1T0005 17ER1T0006 17ER1T0007 17ER1T0008	Dr. B.V. Ramana	The burden of polypharmacy and pattern of comorbidities among Chronic Kidney Disease patients in Tertiary Care Hospital	KVSP/IRB/2021-2022/Pharm.D/PROJ/022	
3	17ER1T0009 17ER1T0010 17ER1T0011	Dr. G. Nagarajan	Analysis of Feto-maternal outcome in Eclampsia in a Tertiary Care Hospital	KVSP/IRB/2021-2022/Pharm.D/PROJ/023	
4	17ER1T0013 17ER1T0015 17ER1T0024	Dr. K. Chandrasekhar	A Prospective observational study on clinical manifestations and management of complicated otolymphitis in a Tertiary Care Hospital	KVSP/IRB/2021-2022/Pharm.D/PROJ/024	
5	17ER1T0016 17ER1T0017 17ER1T0018	Mr. R. Jona Methusaia	A Prospective observational study on single vs. dual anti-platelet drug therapy in patients with Ischemic stroke	KVSP/IRB/2021-2022/Pharm.D/PROJ/025	
6	17ER1T0022 17ER1T0023 17ER1T0014	Dr. Spandhy midha	Prevalence, clinical manifestations and outcomes in Dengue Fever in Pediatrics department of a tertiary care hospital	KVSP/IRB/2021-2022/Pharm.D/PROJ/026	
7	17ER1T0025 17ER1T0027 17ER1T0028	Dr. Renuka Tejeswini	A descriptive comparison study of effectiveness of cephalosporins and penicillin antibiotics in community	KVSP/IRB/2021-2022/Pharm.D/PROJ/027	
8	17ER1T0021 17ER1T0029	Mrs. B. Anna	Comparison of Adverse Drug Reactions and medication adherence in patients with schizophrenia using typical and atypical anti-	KVSP/IRB/2021-2022/Pharm.D/PROJ/028	
9	17ER1T0030 17ER1T0030 16Y01T0022	Dr. S. Kusuma Kumari	Cross sectional study on the efficacy of anti-depressant medications in an adult elderly patients with depression	KVSP/IRB/2021-2022/Pharm.D/PROJ/029	

**Dr. K.V.S.R. Institute of Pharmacy**  
Opp: Dupadu R.S., N.H - 44  
KURNOOL-518218 (A.P.)



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## B.PHARMACY PROJECT LIST (AY:21-22)

Batch	Reg.no	NAME OF THE STUDENT	GUIDE	TITLE	DEPARTMENT	SIGNATURE
I	18ER1R001	ALLEGUNTI MANIBABU	DR.G.NAGARAJAN	ANTI MICROBIAL ACTIVITY OF ETHANOL MACERATION OF MURRAYAKOENIGN	PHARMACEUTICAL CHEMISTRY	
	18ER1R002	ARAB UZMA SAMREEN				
	18ER1R003	AVALINTI NANDINI				
	18ER1R004	AVULA SHARANYA				
	18ER1R005	BOYA SHIVARANJANI				
II	18ER1R0070	KUPPIREDDY VAISHANAVI REDDY	Dr. B. V. Ramana	FORMULATION & EVALUATION OF FORMULATION & EVALUATION OF IN SITUGEL CONTAINING ROSUVASTATIN & CLOVE OIL IN THE TREATMENT OF PERIODONTAL DISEASE	PHARMACEUTICS	
	18ER1R0006	BOYA SUDHARANI				
	18ER1R0007	CHAKALI DARAGAIAH				
	18ER1R0008	CHAKALI SAROJA				
	18ER1R0009	CHILAMATHUR VASAVI				
	18ER1R0010	DASARI JHANSI RANI				
	18ER1R0099	VONDUTLA MAHESH				
III	18ER1R0011	DHANI REDDY DURGA LAKSHMI	Mr. R. Jona Methusala	ANTI HELMINTHIC ACTIVITY OF ETHANOLIC EXTRACT OF PSIDIUM GUAJAVA SEEDS	PHARMACOLOGY	
	18ER1R0012	DUDEKULA MAHABOOB BASHA				
	18ER1R0013	EDIGA MARUTHI				
	18ER1R0014	GADDERALA MEENAKSHI				
	18ER1R0015	GANTELA DHANUNJAYUDU				
	18ER1R0098	VELE VIJAYA GOURI				
IV	18ER1R0016	GOLLA TARUN KUMAR	D.MANASA	FORMULATION & EVALUATION OF ANTI FUNGAL ACTIVITY OF THE POLYHERBAL CREAM	PHARMACEUTICS	
	18ER1R0017	GOTLA YELLASWAMY				
	18ER1R0018	GUDIMARALLA KAVIN KUMAR				
	18ER1R0019	GUTUPALLI SUNIL				
	18ER1R0020	HARIJANA SHIVA TEJAN				
	18ER1R0097	VANNAREDDI GARI USHA				
V	18ER1R0021	K SRI HARI	Dr. K. CHANDRASEKHAR	DESIGN, SYNTHESIS & CHARACTERIZATION & MOLECULAR DOCKING OF BENZIMADAZOLES DERIVATIVES AGAINST ANTI FUNGAL ACTIVITY & DESIGN, SYNTHESIS & CHARACTERIZATION OF FLUORESCENT PROBES HYPOCHLOURS SENSING IN SOLUTION PHASE	PHARMACEUTICAL CHEMISTRY	
	18ER1R0022	KODIGUDLA SAIMOUNIKA				
	18ER1R0023	KODUMURU FARJANA BEGUM				
	18ER1R0024	KURUVA BHEEMA LAKSHMAN				
	18ER1R0089	SHAIK SOHEL				
	18ER1R0025	KURUVA SURESH				
	18ER1R0026	MAKIFA ANJUM	Mrs. R. ARJUNA	SYNTHESIS &	PHARMACOLOGY	
	18ER1R0027	MEDAM NAGA				

**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44.  
KURNOOL-518218 (A.P)



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)

Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.

E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

## Principal / Correspondent

Date : .....

	18ER1R0028	VAISHNAVI MOLDI REDDY GARI SANDHYA		ANTI MICROBIAL ACTIVITY OF SILVER NANO PARTICLES OF GRENGRA MADERSPATA NA		
	18ER1R0029	MUCHHI MOUNIKA				
	18ER1R0030	NAKKALA SRAVANI				
	18ER1R0096	VADLA NANDINI				
VII	18ER1R0031	NALLABOTHULA RAVEENDRA	R.NAGANJANEY ULU	ANTI HELMINTHIC ACTIVITY OF ETHANOLIC EXTRACT OF PUNICA GRANATUMLEAVES	PHARMACOGNOSY	<i>R. Naganjani</i>
	18ER1R0032	NARRA LIKHITA				
	18ER1R0033	NATUVA SAI SAMYUKTHA ROY				
	18ER1R0034	NETHIKOPPULA MALLAIAH				
	18ER1R0035	PALLAPU SANDYA RANI				
	18ER1R0095	T SUDHARANI				
VIII	18ER1R0036	PATAN SANOVAR KHATUN	P.T.NAGARAJU	ANALYTICAL METHOD DEVELOPMENT & VALIDATI ON OF DAPAGLIFLOZIN IN PURE FORM BY UV SPECTROMETRY	PHARMACEUTICAL ANALYSIS	<i>P.T. Nagaraju</i>
	18ER1R0037	PICHIGUNTLA MAHESH				
	18ER1R0038	PINJARI SALIMA				
	18ER1R0039	RACHAPOGU VASAVI				
	18ER1R0040	RAMPURAM TEJA				
	18ER1R0094	SYEDA NUSRATH SHAISTHA				
IX	18ER1R0041	RANGANATHAPPA GARI VANAJAKSHI	Mrs. R. MOHANA PRIYA	ANTI MICROBIAL ACTIVITY OF METHANOLIC EXTRACT OF FRUIT PEEL OF MUSAPARADI SIA	PHARMACEUTICAL CHEMISTRY	<i>M. Priya</i>
	18ER1R0042	REDDYPOGU CHARLES				
	18ER1R0043	SHAIK DOWLATH				
	18ER1R0044	SHAIK MALIK BASHA				
	18ER1R0045	SHAIK SALEEM				
	18ER1R0093	SYED WASEEM AHAMED				
X	18ER1R0046	SHAIK SHABANA	S.K. Rubeena	STUDIES ON DEVELOPMENT & EVALUATION OF TRANSDERMAL DELIVERY OF LAMIVUDINE WITH SPECIAL EMPHASIS ON THE EFFECT OF PERMEATION ENHANCERS	PHARMACEUTICS	<i>S.K. Rubeena</i>
	18ER1R0047	SYED MAAZ				
	18ER1R0048	SYED SHUJA ASRAR				
	18ER1R0049	SYED ULFAT				
	18ER1R0050	TAPELA ANJALI				
	18ER1R0092	SK AYESHAMS				
XI	18ER1R0051	THAMMALI RAGHU	Dr. S.KUSUMA KUMARI	INVITRO EVALUATION OF ANTI UROLITHIATIC ON AQUEOUS EXTRACT OF BRYOPILLUM PINNATUM LEAVES	PHARMACY PRACTICE	<i>S.K. Kumari</i>
	18ER1R0052	THAMMALI UDAY KUMAR				
	18ER1R0091	SILIVERI UDAY KIRN				
	18ER1R0053	THAMMALI VENKATESWARLU				
	18ER1R0054	VADLA ABDUL AFFU				
	18ER1R0055	VIDYAPOGU SUMANTH				
XII	18ER1R0056	BOYA ALEKHYA	DR.R. RAJESH	ANTI HELMINTHIC ACTIVITY OF ETHANOLIC EXTRACT OF BOUGANVILLIEA SPECTABILIS LEAVES	PHARMACY PRACTICE	<i>Dr. R. Rajesh</i>
	18ER1R0057	CHALLAGUNDLA VARSHITHA				
	18ER1R0058	CHENNAPATNAM NAVEEN				
	18ER1R0059	CHITRAKAL VENKATESWARA REDDY				
	18ER1R0060	DHANI HARISKRISHNA				

*Dr. K.V.S.R.*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H. 44,  
KURNOOL-518218 (A.P.)



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)

Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.

E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

## Principal / Correspondent

Date : .....

XIII	18ER1R0090	SHAIK YASEEN	E. HONEY	INVESTIGATION OF INVITRO ANTI INFLAMMATORY ACTIVITY POTENTIAL OF NEOLAMARIKA CADAMBA	PHARMACOLOGY	
	18ER1R0061	EDIGA SITA SIVA PRASAD GOUD				
	18ER1R0062	GAJJALA MANISHA RANI				
	18ER1R0063	HAKEEM ZAKIYA AFREEN				
	18ER1R0064	JAKKULA SUNITHA				
	18ER1R0065	K SAI HARSHITHA				
XIV	18ER1R0066	KALLURI HARI KRISHNA	S.SRIRAJ	ANTI HELMINTH ACTIVITY OF ETHANOLIC EXTRACTS OF PUNICA GRANATUM LEAVES	PHARMACY PRACTICE	
	18ER1R0067	KAMALAPURAM NARASIMHA RAJU				
	18ER1R0068	KAMMARA LOKESH				
	18ER1R0069	KOTLA HARINATH REDDY				
	19ER5R0001	P. BHARATH KUMAR REDDY				
	XV	18ER1R0087				
18ER1R0071		KURNOOL RISHITHA				
18ER1R0072		KURUVA GIRISWAR				
18ER1R0073		KURUVA VISHNU VARDHAN				
18ER1R0074		M MONESWARA REDDY				
18ER1R0075		MANCHALA HARIKA				
18ER1R0086		SHAIK MOHAMMED SABIR				
XVI		18ER1R0076	MEREDDY POOJITHA	B.AKHILA	ANTHELMINTHIC ACTIVITY OF BRASSICA NIGRA	
	18ER1R0077	MIDDE VENKATESWARLU				
	18ER1R0078	MULLA THASLEEM				
	18ER1R0079	MUNAGALA VINEETHA				
	18ER1R0080	NADIPENNAGARI CHANDRIKA				
	XVII	18ER1R0081	NAYAKANTI LOKESH KUMAR			
18ER1R0082		PALLE SRAVANI				
18ER1R0083		PERA RUPAPA RANI				
18ER1R0084		PERIKABALIJA MAHESH				
18ER1R0085		POOLA RAKESH				

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)  
  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF DAPAGLIFLOZIN IN PURE FORM BY USING UV SPECTROPHOTOMETRY”

*A thesis submitted to*

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY**

**ANANTAPUR**



*In partial fulfilment of the requirements for the award of degree in*

**BACHELOR OF PHARMACY**

*Submitted By*

P.SANOVAR KHATUN (18ER1R0036)

P.MAHESH (18ER1R0037)

P.SALIMA (18ER1R0038)

R.VASAVI (18ER1R0039)

R.TEJA (18ER1R0040)

S.NUSRATH SHAISTHA (18ER1R0094)

**Under the guidance of**

**Mr. P.T. Nagaraju** M. Pharm.

**Department of Pharmaceutical Analysis**



**DR.K.V.SUBBAREDDYINSTITUTEOPHARMACY**

*P. Venkatesh*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### CERTIFICATE

This is to certify that the dissertation entitled **“ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF DAPAGLIFLOZIN IN PURE FORM BY USING UV SPECTROPHOTOMETRY”** was done for the partial fulfillment for the award of degree of bachelor of pharmacy in Pharmaceutical Analysis has been carried out by **P.SANOVARKHATUN (18ER1R0036), P.MAHESH (18ER1R0037), P.SALIMA (18ER1R0038), R.VASAVI (18ER1R0039), R.TEJA (18ER1R0040), S.NUSRATH SHAISTHA (18ER1R0094)**, under the guidance and supervision of **Mr. P.T. NAGARAJU, M.Pharm**, at **DR.K.V.SUBBA REDDY INSTITUTE OF PHARMACY, Dupadu, Kurnool**, during the period 2021-2022. It is further certified that this work or any part of this has not been submitted in part or full for the award of any degree or fellowship.

DATE:

PLACE :Dupadu

Principal

**Dr. G. NAGARAJAN, M.Pharm, Ph.D.**  
Principal & HOD,

Department of Pharmaceutical Chemistry,

Dr. K. V. Subba Reddy Institute of Pharmacy,  
Dupadu, Kurnool, A.P – 518002.



**PRINCIPAL**  
**Dr. K.V.S.R. Institute of Pharmacy**  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### CERTIFICATE BY SUPERVISOR

This is to certify that the dissertation entitled "**ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF DAPAGLIFLOZIN IN PURE FORM BY USING UV SPECTROPHOTOMETRY**" was done for the partial fulfillment for the award of degree of bachelor of pharmacy in Pharmaceutical Analysis has been carried out by **P.SANOVARKHATUN (18ER1R0036), P.MAHESH (18ER1R0037), P.SALIMA (18ER1R0038), R.VASAVI (18ER1R0039), R.TEJA (18ER1R0040), S.NUSRATH SHAISTHA (18ER1R0094)** under the guidance and supervision of **Mr. P.T. NAGARAJU, M..Pharm,** at **DR.K.V.SUBBAREDDY INSTITUTE OF PHARMACY, Dupadu, Kurnool,** during the period 2021-2022. It is further certified that this work or any part of this has not been submitted in part or full for the award of any degree or fellowship.

DATE:

PLACE: Dupadu.

Supervisor

Mr. P.T. NAGARAJU, M..Pharm,

Asst. Professor,

Department of Pharmaceutical Analysis,

Dr. K. V. Subba Reddy Institute of Pharmacy,

Dupadu, Kurnool, A.P – 518002.



**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### SENDORSEMENT BY PRINCIPAL

This is to certify that the research project entitled "**ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF DAPAGLIFLOZIN IN PURE FORM BY USING UV SPECTROPHOTOMETRY**" was carried out by **P.SANOVARKHATUN (18ER1R0036), P.MAHESH (18ER1R0037), P.SALIMA (18ER1R0038), R.VASAVI (18ER1R0039), R.TEJA (18ER1R0040), S.NUSRATH SHAISTHA (18ER1R0094)** students of B .pharm 4<sup>th</sup> year during the academic year 2021 – 2022, we hereby , certify the adequacy of work to the board examiners , in partial fulfillment for the award of degree of **BACHELOR OF PHARMACY** as prescribed by Jawaharlal Nehru Technological University Anantapur, Anantapuramu, Andhra Pradesh, has been carried under the supervision of **Mr.P.T.NAGARAJU**.

DATE:

PLACE: Dupadu

Principal

**Dr. G. NAGARAJAN, M.Pharm , Ph.D.**  
Principal & HOD,  
Department of Pharmaceutical

Chemistry,

Dr. K. V. Subba Reddy Institute of Pharmacy,  
Dupadu, Kurnool, A.P – 518002.



*Silamana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### DECLARATION BY CANDIDATES

We P.SANOVARKHATUN (18ER1R0036), P.MAHESH (18ER1R0037), P.SALIMA (18ER1R0038), R.VASAVI (18ER1R0039), R.TEJA (18ER1R0040), S.NUSRATH SHAISTHA (18ER1R0094) pursued admission in B. Pharm 4<sup>th</sup> year program for the academic year 2019-2020, at Dr. K. V.Subba Reddy Institute of Pharmacy, Dupadu, Kurnool (Affiliated to JNT University Anantapur, Anantapuramu) and in connection with partial fulfilment for award of degree of Bachelor of Pharmacy. We hereby declare that the entitled research work **“ANALYTICAL METHOD DEVELOPMENT AND VALIDATION OF DAPAGLIFLOZIN IN PURE FORM BY USING UV SPECTROPHOTOMETRY”** was carried out by us under the guidance of Mr. P.T. NAGARAJU, M.Pharm., Asst. Professor, Department of Pharmaceutical Analysis. We express no conflict of interest for due submission of this work to board of examiners for evaluation process.

Name of the Student

Signature of the student

P.SANOVAR KHATUN (18ER1R0036) *P. Sanovarkhatun*  
P.MAHESH (18ER1R0037) *P. Mahesh*  
P.SALIMA (18ER1R0038) *P. Salima*  
R.VASAVI (18ER1R0039) *R. Vasavi*  
R.TEJA (18ER1R0040) *R. Teja*  
S.NUSRATH SHAISTHA (18ER1R0094) *S. Nusrath Shaistha*

*B. K. Venkatesh*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S., N.H.-44,  
KURNOOL-518218 (A.P)





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### ACKNOWLEDGEMENT

#### AN EXPRESION OF GRATITUDE

*With God All Things Are Possible"*

Milestones in life are achieved, not by individual efforts but by blessings and guidance of elders, near and dear ones. This project is the product of collective wisdom and experience of all those who have shared their views far beyond those found within the covers of book. We therefore take this opportunity to express our acknowledgements to all of them.

Let us first thank almighty for giving us life and our parents for educating us and keeping our requirements in priority at all situations. Without their unconditional support and encouragement it would have been impossible to pursue our interest.

It would be my great pleasure to pay tribute and to thanks to **Mr. P.T. Nagaraju**, M..Pharm., Dept.of Pharamaceutical Analysis, Dr.K.V.Subba Reddy Institute of Pharmacy, Dupadu, Kurnool.

We express our deep sense of gratitude to **Dr.K.V.Subba Reddy, Chairman** of **Dr.K.V.Subba Reddy Group of institutions** and Srmt. **K.Vijayalakshamma Correspondent** of **Dr.K.V.Subba Reddy Group of institutions** supporting us in providing all equipments and re quired things. And our sincere thanks to **Dr.G.Nagarajan** M.Pharm, Ph.D. **Prinicpal, Dr.K.V.Subba Reddy Institute of Pharmacy** who has been a constant guide to us throughout this work and taught us the nuances of experimentation and the interpretation of results which has shaped up our dissertation in to its presentform.

**Dr. B.V.Ramana, M .Pharm Ph.D.**, Head of the department of Pharmaceutics for his excellent guidance and kind help for the successful completion of this work, **Mr.JonaMethusula M. Pharm (Ph.D)**. for their co-operation at various stages of my workOur sincere thanks to librarian **Mr. M. Nagaseshulu** who helped us in utilizing the library facilities in our college. My sincere thanks to all Non-Teaching Staff, Laboratory Assistants of **KVSP**, who have helped me directly or indirectly in completion of my dissertation.



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu,  
MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

*THANK TO ONE AND ALL*

**YOURS**

*P.SANOVAR KHATUN (18ER1R0036)*

*P.MAHESH (18ER1R0037)*

*P.SALIMA (18ER1R0038)*

*R.VASAVI (18ER1R0039)*

*R.TEJA(18ER1R0040)*

**S.NUSRATH SHAISTHA (18ER1R0094)**



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### CONTENTS

S.NO	TITLE	PAGE NO.
1	INTRODUCTION	1
2	OBJECTIVE	20
3	REVIEW OF LITERATURE	22
4	DRUG PROFILE	28
5	MATERIALS AND INSTRUMENTS	30
6	METHODOLOGY	32
7	RESULTS AND DISCUSSION	36





## Dr. K.V. Subba Reddy Institute of Pharmacy

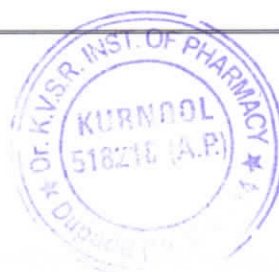
(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### LIST OF TABLES

S.NO	TITLE	PAGE NO.
1.1	SELECTION OF SOLVENT	6
5.1	MATERIALS	30
5.2	INSTRUMENTS	31
7.1	UV SPECTROSCOPY METHOD	36
7.2	CALIBRATION DATA OF DAPGLIFLOZIN	37
7.3	INTRADAY PRECISION	38
7.4	INTER DAY PRECISION	39
7.5	OBSERVATION FOR ACCURACY STANDARD(50 $\mu$ g/ml)	40
7.6	OBSERVATION FOR ACCURACY STANDARD 80%(45 $\mu$ g/ml)	40
7.7	OBSERVATION FOR ACCURACY STANDARD100% (55 $\mu$ g/ml)	41
7.8	OBSERVATION FOR ACCURACY STANDARD100% (65 $\mu$ g/ml)	41
7.9	FOR ACCURACY SUMMARY	42
7.10	OBSERVATION OF LIMIT OF DETECTION	42
7.11	OBSERVATION OF LIMIT OF QUANTIFICATION	42



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

7.12	FOR RUGGEDNESS	43
7.13	FOR 230 AND 234 WAVELENGTHS	43
7.14	ROBUSTNESS SUMMERY	44



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### LIST OF FIGURES

S.NO	TITLE	PAGE NO.
1.1	INSTRUMENTION	4
7.1	SELECTION OF WAVE LENGTH	33
7.2	CALIBRATION CURVE OF DAPAGLIFLOZIN	37





Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### LIST OF ABBREVIATION

Abbreviation	Full Name
AR	Analytical Reagent
BP	Boiling Point
MW	Molecular Weight
FDA	Food and Drug Administration
ICH	International Conference of Harmonization
ml	Millilitre
$\mu\text{g}$	Microgram
M	Molar
L	Litre
Min	Minute
LR	Laboratory reagent
RSD	Relative Standard Deviation
UV	Ultraviolet
nm	Nanometer
ng	Nanogram
mg	Milligram
NMT	Not More Than
S	Slope



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

### Principal / Correspondent

Date : .....

SD	Standard Deviation
S/N	Signal to noise ratio
$r^2$	Correlation Coefficient
LOD	Limit of Detection
LOQ	Limit of Quantitation
Q.C	Quality Control
V/v	Volume by volume
W/v	Weight by volume



Cell : 9704 333 789

9177287508

7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### ABSTRACT

A simple, specific, accurate and precise Spectroscopy method was developed and validated for the estimation of dapagliflozin in Pure form. The Standard solution was prepared by weighing 100 mg of dapagliflozin in 100 ml volumetric flask with 0.1N Nitric Acid. The final Standard solution was made to produce 1000  $\mu\text{g}$  / ml with 0.1N Nitric Acid. Further dilutions were prepared as per procedure and were scanned at 232 nm. The linearity was found in the concentration range of 10-60  $\mu\text{g}$  / ml. The Correlation coefficient was 0.996. The regression equation was found to be  $Y = 0.043 X - 0.336$ . The method was validated for linearity, accuracy, precision, limit of detection, limit of quantitation and ruggedness robustness. The limit of detection and limit of quantitation for estimation of dapagliflozin was found to be 5.36 ( $\mu\text{g}$  / ml) and 17.08 ( $\mu\text{g}$  / ml), respectively. The percentage recovery of dapagliflozin was found to be in the range of  $98.49 \pm 0.0001$ –  $101.3 \pm 0.003$ . Proposed method can be successfully applied for the quantitative determination of dapagliflozin in pharmaceutical Pure form





# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## 1. INTRODUCTION

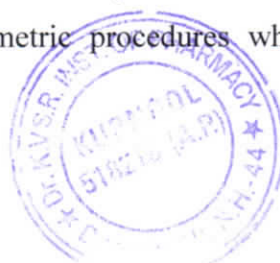
Analytical chemistry <sup>(1)</sup> is often described as the area of chemistry responsible for characterizing the composition of matter, both qualitatively (what is present) and quantitatively (how much is present). Analytical chemistry is not a separate branch of chemistry, but simply the application of chemical knowledge.

Pharmaceutical Analysis <sup>(2)</sup> is the branch of chemistry involved in separating, identifying and determining the relative amounts of the components making up a sample of matter. It is mainly involved in the qualitative identification or detection of compounds and quantitative measurements of the substances present in bulk and pharmaceutical preparation.

The technique <sup>(3)</sup> employed in quantitative analysis is based upon the quantitative performance of suitable chemical reactions and either measuring the amount of reagent needed to complete the reaction, or ascertaining the amount of reaction product obtained.

Quality <sup>(4)</sup> is important in every product or service but it is vital in medicine as it involves life. Unlike ordinary consumer goods there can be no “second quality” in drugs. Quality control is a concept, which strives to produce a perfect product by series of measures designed to prevent and eliminate errors at different stages of production.

Physico-chemical methods <sup>(5, 6)</sup> are used to study the physical phenomenon that occurs as a result of chemical reactions. Among the Physico-chemical methods, the most important are optical (Refractometry, Polarimetry, Emission, Fluorescence methods of analysis, Photometry including Photocolorimetry and Spectrophotometry covering UV-Visible and IR regions and Nephelometry or Turbidimetry) and chromatographic (Column, Paper, TLC, GLC, HPLC) methods. Methods such as Nuclear Magnetic Resonance and Para Magnetic Resonance are becoming more and more popular. The combination of Mass Spectroscopy with Gas Chromatography and Liquid Chromatography are the most powerful tools available. The chemical methods include the gravimetric and volumetric procedures which are based on





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

### Principal / Correspondent

Date : .....

complex formation; acid - base, precipitation and redox reactions. Titrations in non-aqueous media and complexometry have also been used in pharmaceutical analysis.

The number of new drugs is constantly growing. This requires new methods for controlling their quality. Modern pharmaceutical analysis must need the following requirements.

1. The analysis should take a minimal time.
2. The accuracy of the analysis should meet the demands of Pharmacopoeia.
3. The analysis should be economical.
4. The selected method should be precise and selective.

These requirements are met by the Physico-chemical methods of analysis, a merit of which is their universal nature that can be employed for analyzing organic compounds with a diverse structure. Of them, Visible Spectrophotometry is generally preferred especially by small scale industries as the cost of the equipment is less and the maintenance problems are minimal.

### *Instrumental methods of Chemical analysis:*

Instrumental method is an exciting and fascinating part of chemical analysis that interacts with all areas of chemistry and with many other areas of pure and applied sciences. Analytical instrumentation plays an important role in the production and evaluation of new products and in the protection of consumers and environment. This instrumentation provides lower detection limits required to assure safe foods, drugs, and water air. Instrumental methods are widely used by Analytical chemists to save time, to avoid chemical separation and to obtain increased accuracy.

### *SPECTROSCOPY<sup>(7)</sup>*

Spectroscopy is the measurement and interpretation of Electro Magnetic Radiation (EMR) absorbed





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

**Principal / Correspondent**

Date : .....

or emitted when the molecule or atoms or ions of a sample move from one energy state to another energy state. This change may be from ground state to excited state or excited state to ground state. At ground state, the energy of a molecule is the sum of rotational, vibrational and electronic energy. In other words, Spectroscopy measures the changes in rotational, vibrational and / or electronic energies.

### *Ultraviolet Spectroscopy:*

Ultraviolet Spectroscopy is concerned with the study of absorption of UV radiation which ranges from 200 nm to 400 nm. Any molecule has n,  $\pi$  or  $\sigma$  combination of these electrons. These bonding ( $\sigma$  and  $\pi$ ) and non bonding (n) electrons absorb the characteristic radiation and undergoes transition from ground state to excited state.

### *Visible Spectroscopy (Colorimetry):*

Colorimetry is concerned with the study of absorption of visible radiation whose wavelength ranges from 400 nm to 800 nm. Any coloured substance will absorb radiation in this wavelength region. Coloured substances absorb light of different wavelength in different manner and hence we get an absorption curve (absorbance Vs wavelength). In this absorption curve, the wavelength at which maximum absorption of radiation takes place is called as  $\lambda_{\max}$ . This  $\lambda_{\max}$  is characteristic or unique for every coloured substance and this is a qualitative aspect, useful in identifying the substance.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### INSTRUMENTATION:

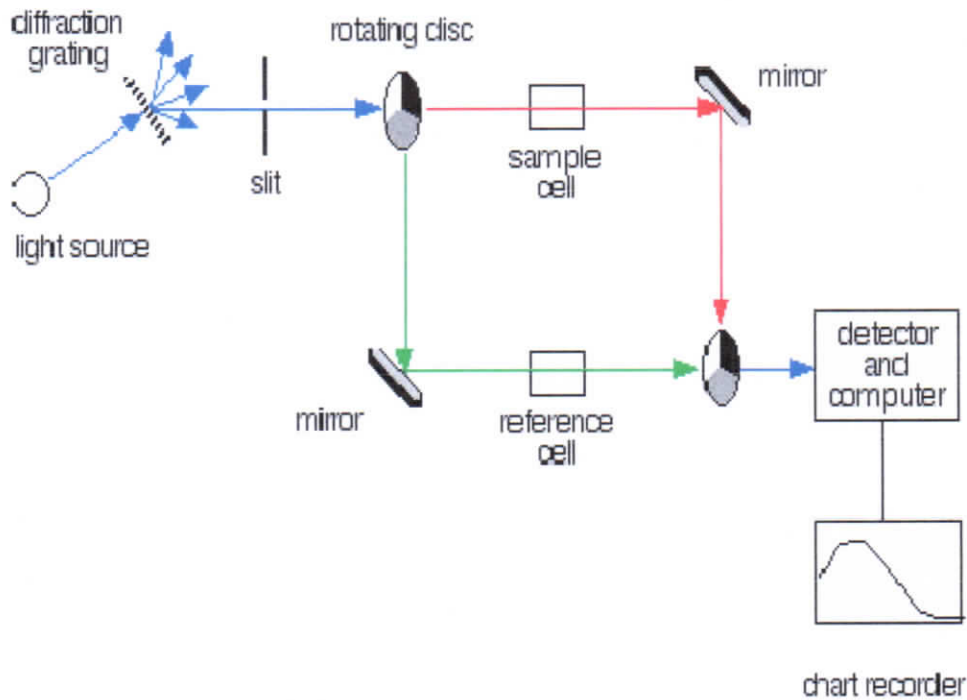


Fig No: 1.1. UV Visible double beam Spectrophotometer

### Laws governing absorption of radiation:

#### *Beer's law (related to concentration of absorbing species)*

‘The intensity of a beam of monochromatic light decreases exponentially with increase in the concentration of absorbing species arithmetically’.

#### *Lambert's law (related to thickness / path length of absorbing species)*

‘The rate of decrease of intensity (monochromatic light) with the thickness of the medium is directly proportional to the intensity of incident light’.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### *Limitations of Beer-Lambert's Law:*

The Beer-Lambert law is rigorously observed provided a single species gives rise to the observed absorption. However the law may not be observed when,

1. Different forms of the absorbing molecules are in equilibrium.
2. Solute and solvent form association complexes.
3. There is a thermal equilibrium between ground electronic state and a low lying excited state.
4. The compounds are charged by irradiation (fluorescent compounds).

### *Deviations from Beer's Law:*

According to Beer's law, a straight line passing through the origin should be obtained, when a graph is plotted between absorbance (A) and concentration (C). Deviation from the law may be positive or negative, according to whether the resulting curve is concave upwards or concave downwards. The deviations from the Beer's law may be due to interaction of the solute molecules with each other or with the solvent or may be due to instrumental factors. The most important reasons that cause deviations are

1. Negative deviation can always be expected when the illumination is not monochromatic.
2. The presence of impurities that fluoresce or absorb at the required absorption wavelength.
3. Environmental errors such as solvent, temperature and pressure.







## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

### Principal / Correspondent

Date : .....

4. Chemical factors such as change in pH and chemical equilibrium, presence of complexing agent, competitive metal ion reactions and concentration dependence.
5. Refractive index of sample.
6. Instrumental errors such as radiation, stability of radiation source, stability of slit control and electronics and reliability of the optical parts.

### *Choice of solvent <sup>(8)</sup>:*

Several solvents used in Ultraviolet Spectroscopy with their cut off wavelengths are listed in Table: 1.1.

A suitable solvent for UV Spectroscopy should meet the following requirements.

- a. It should not absorb radiations in the region under investigation.



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

- b. It should be less polar, so that it has minimum interaction with the solute molecules.
- c. The solvent used should be of high purity.

*Table No: 1.1. List of common solvents used in UV Spectroscopy*

Solvents	Cut off wavelength(nm)
Acetonitrile	190
Water	191
Cyclohexane	195
Hexane	201
Methanol	203
Ethanol	204
Ether	215
Methylene dichloride	220
Chloroform	237
Carbon tetrachloride	257

### Detectors:

A detector is a transducer that convert EMR into an electron flow and subsequently, into a current flow or voltage in the readout circuit. Photoelectric or Photo multiplier tubes are



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

### Principal / Correspondent

Date : .....

generally used as detectors. The detector must have the following important requirements. It must respond to radiant energy over a broad wavelength range.

- a. It should be sensitive to low levels of radiant power.
- b. It should rapidly respond to the radiation and produce an electrical signal that can be readily amplified.
- c. It should have relatively low noise level (for stability).
- d. The signal produced is directly proportional to the power of beam striking it.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

*STATISTICAL ANALYSIS* <sup>(9)</sup>:

### Statistical procedures and representative calculations:

The consistency and suitability of the developed method are substantiated through the statistical analysis like standard deviation, relative standard deviation.

*For Accuracy:* \_\_\_\_\_

**Standard Deviation** =  =

Where,  $\bar{x}$  = Sample,

$\bar{x}$  = Mean value of  
samples,  $n$  = Number of  
samples

**Relative Standard Deviation** =  /  $\bar{x}$   $\times$  100

**Molar extinction coefficient ( $\text{mol}^{-1} \text{cm}^{-1}$ )** =  $A / C \times$

L Where, A = Absorbance of drug

C = Concentration of drug, L = Path length

**Sandell's sensitivity ( $\text{mcg} / \text{cm}^2 / 0.001$  absorbance units)** =  $C / A \times$

0.001 Where, C = Concentration of drug



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

### Principal / Correspondent

Date : .....

A = Absorbance of drug

Unit- (mcg / cm<sup>2</sup> = 0.001 absorbance)

**Coefficient of variance**  $(\sigma) = \frac{\sum(x - \bar{x})^2}{n-1}$

**Regression equation**  $y = a + bx$

**Slope** =  $y / x$

Where, x = Concentration

y = Absorbance, a = Intercept

**Limit of detection: (DL)** =  $3.3 \times \sigma / S$

Units- ( $\mu\text{g} / \text{ml}$ )

Where,  $\sigma$  = Standard deviation of the response.

S = Slope of the calibration curve.

The slope S may be estimated from the calibration curve of the analyte.

The estimate of  $\sigma$  may be carried out in a variety of ways.

**Limit of quantitation (QL)** =  $10 \times \sigma /$



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

### Principal / Correspondent

Date : .....

SUnit- ( $\mu\text{g} / \text{ml}$ )

Where,  $\sigma$  = Standard deviation of the response

S = Slope of the calibration curve

The slope S may be estimated from the calibration curve of the analyte. The estimation of  $\sigma$  may be carried out in a variety of ways.

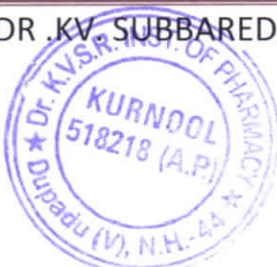
### *Basic criteria for new method development of drug analysis<sup>(10)</sup>*

- The drug or drug combination may not be official in any pharmacopoeias,
- A proper analytical procedure for the drug may not be available in the literature due to patent regulations,
- Analytical methods may not be available for for the drug in the form of a formulation due to the interference caused by the formulation Excipients,
- Analytical methods for the quantification of the drug in biological fluids may not be available,
- Analytical methods for a drug in combination with other drugs may not be available,



- Limit of Detection

All of the above mentioned methods were developed and validated statistically to ensure their Accuracy, Precision, Linearity, Ruggedness and other analytical method validation parameters as mentioned in the various guidelines.







Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Lambert's Law In The Concentration Range Of 5-40 Mg/ML, With Correlation Coefocient Value Less Than 1. The Percent Amount Of Drug Estimated By These Methods Was Nearly 100%, Found To Be In Good Agreement With Label Claim Of Marketed Tablet Formulation. The Recovery Study Was Carried Out At  $\square$ Ve Different Levels And Results Were Found To Be Satisfactory. Conclusion: The Results Of Estimation And Validation Parameters Like Accuracy, Precision, Ruggedness, Linearity And Range Were Studied For All The Developed Methods And Were Found To Be Within Limits. The Proposed Method Can Be Adopted For Routine Quality Control For Estimation Of Drug In Formulation.

### 3.K. Bhavyasri.et.al<sup>[14]</sup>

A New, Simple, Precise, Accurate, Reproducible And Economic Stability Indicating UV Spectroscopic Method Was Developed And Validated For Simultaneous Estimation Of Dapagliflozin And Metformin In Pure And Combined Pharmaceutical Dosage Form. The UV Spectrophotometric Estimation Of Dapagliflozin And Metformin Was Determined Using The Q Absorption Ratio Method At 222 Nm And 232 Nm Respectively Using Water As Diluent. The Linearity Ranges For Dapagliflozin And Metformin Was 2 – 32 Mg/ML And 1 – 20 $\mu$ g/ML Respectively With Their Correlation Coefficient Values ( $R^2$ ) 0.999. The Percentage Recovery At Various Concentration Levels Varied From 96.82 - 99.8 % For Dapagliflozin And 98.15 To 99.35 % For Metformin Confirming That The Method Is Accurate. LOD And LOQ For Dapagliflozin Was Found To Be 0.0241 $\mu$ g/ML And 0.0293 Mg/ML And For Metformin 0.0732 Mg/ML And 0.0890 Mg/ML. In The Precision Study, The% RSD Value Was Found To Be 0.1845 % And 0.2052 % For Dapagliflozin And Metformin Respectively. Degradation Studies Were Performed, Both The Drugs Were Found To Be Degraded In Acid By Using Hydrochloric Acid, In Base Using Sodium Hydroxide Solution, In Peroxide Using Hydrogen Peroxide Solution, Temperature And In Light By Exposing It To UV Light In UV Chamber. The Results For Estimation Of Dapagliflozin





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

And Metformin Hydrochloride And Validation Parameters Like Accuracy, Precision, Ruggedness, Linearity Were Studied For The Method And Were Found To Be Within The Limits. The Developed Method Was Free From The Interferences Due To Excipients Present In The Formulation And It Can Be Used For Routine Quality Control Analysis.

#### 4. Gajanan Vithoba Mante. et.al<sup>[15]</sup>

Aim: Simple, Precise And Accurate UV-Spectrophotometric Methods For Estimation Of Dapagliflozin Were Developed And Validated As Per ICH Guidelines. Experimental And Results: These Methods Includes Calibration Curve, Area Under Curve (AUC), First And Second Order Derivative Method Based On Measurement Of Absorbance At A Selected Wavelengths Using UV-Visible Spectrophotometer With 1 Cm Matched Quartz Cell And Methanol With Water As A Solvent. All Developed Methods Obeyed Beer's-Lambert's Law In The Concentration Range Of 5-40 Mg/ML, With Correlation Coefficient Value Less Than 1. The Percent Amount Of Drug Estimated By These Methods Was Nearly 100%, Found To Be In Good Agreement With Label Claim Of Marketed Tablet Formulation. The Recovery Study Was Carried Out At Five Different Levels And Results Were Found To Be Satisfactory. Conclusion: The Results Of Estimation And Validation Parameters Like Accuracy, Precision, Ruggedness, Linearity And Range Were Studied For All The Developed Methods And Were Found To Be Within Limits. The Proposed Method Can Be Adopted For Routine Quality Control For Estimation Of Drug In Formulation.

#### 5. Mohd.Zameeruddin. et.al<sup>[16]</sup>

Aim Simple, Precise And Accurate UV-Spectrophotometric Simultaneous Equation Method For Estimation Of Dapagliflozin And Saxagliptin Were Developed And Validated As Per ICH Guidelines.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Experimental And Results The Objective Of The Work Is To Develop UV Spectroscopic Method For Simultaneous Estimation Of Dapagliflozin (DAPA) And Saxagliptin (SAXA). This Method Involve Solving Of Simultaneous Equations Based On Measurement Of Absorbance At Two Wavelengths 223 Nm And 212 Nm. Both The Drugs Obey The Beer's Law In The Concentration Ranges 4-24  $\mu\text{g}/\text{Ml}$  And 5-50  $\mu\text{g}/\text{Ml}$  Respectively. Results Of The Methods Were Validated Statistically. Novel, Simple, Sensitive, Rapid, Accurate And Economical Spectrophotometric Methods Have Been Developed For Simultaneous Estimation Of Dapagliflozin And Saxagliptin .The Method Can Be Used To Estimate The Amount Of Dapagliflozin And Saxagliptin In Mixture Containing Dapagliflozin And Saxagliptin.

**6. Dr. K. Bhavyasri. et.al**<sup>[17]</sup> A New, Simple, Precise, Accurate, Reproducible And Economic Stability Indicating Spectroscopic Method Was Developed And Validated For Simultaneous Estimation Of Dapagliflozin And Metformin In Pure And Combined Pharmaceutical Dosage Form. The UV Spectrophotometric Estimation Of Dapagliflozin And Metformin Was Determined Using The Simultaneous Equation Method At 222 Nm And 232 Nm Respectively. The Linearity Ranges For Dapagliflozin And Metformin Were 2 – 32 Mg/Ml And 1 – 20 $\mu\text{g}/\text{Ml}$  Respectively With Their Correlation Coefficient Values (R<sup>2</sup>) 0.999. The Percentage Recovery At Various Concentration Levels Varied From 96.82 - 99.8 % For Dapagliflozin And 98.15 To 99.35 % For Metformin Confirming That The Method Is Accurate. LOD And LOQ For Dapagliflozin Was Found To Be 0.0241 Mg/Ml And 0.0293 Mg/Ml And For Metformin 0.0732 Mg/Ml And 0.0890 Mg/Ml. In The Precision Study, The% RSD Value Was Found To Be 0.1845 % And 0.2052 % For Dapagliflozin And Metformin Respectively. Degradation Studies Were Performed, Both The Drugs Were Found To Be Degraded In Acid, Base, Peroxide, Temperature And Light. The Proposed Method Can Be Applied Successfully For The Simultaneous Estimation Of Both Drugs In Quality Control Laboratories.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

**7. M. R. Usman.et.al<sup>[18]</sup>** In The Present Work, A Simple, Rapid, Sensitive, Precise, And Reproducible, Specific UV Spectrophotometric Method For The Determination Of Saxagliptin (SAXA) And Dapagliflozin (DAPI) In Bulk Drug And Pharmaceutical Dosage Form Were Developed And Validated. **Methods:** A Simple Double Beam UV Spectrophotometric Method Has Been Developed And Validated With Different Parameters Such As Linearity, Precision, Repeatability, The Limit Of Detection (LOD), Limit Of Quantification (LOQ), Accuracy As Per ICH Guidelines. **Results:** UV-Visible Spectrophotometric Method, Measurement Of Absorption At A Maximum Wavelength In 10 Ml Methanol And Volume Make With Water Solvent System As Reference SAXA And DAPI Were Found To Be At 224 Nm And 274 Nm Respectively. The Drug Obeyed The Beer's Law And Showed A Good Correlation. Beer's Law Was Obeyed In The Concentration Range 2-10  $\mu\text{g}/\text{ml}$  For Saxagliptin And 4-20  $\mu\text{g}/\text{ml}$  For Dapagliflozin, Respectively With A Correlation Coefficient Was 0.999. The LOD And LOQ Of Saxagliptin Were Found To Be 0.040 Mg/ml And 0.01230 Mg/ml, Dapagliflozin Was Found To Be 0.1230 Mg/ml And 0.5460 Mg/ml, Respectively. Percentage Assay Of SAXA And DAPI In Tablets. **Conclusion:** The Proposed Method Is Simple, Precise, Accurate, And Reproducible Can Be Used For Routine Analysis Of Saxagliptin And Dapagliflozin In Bulk And Tablet Dosage Form.

**8. Karuna Priya Chitra.et.al<sup>[19]</sup>** Dapagliflozin (DAP) Is Indicated For The Management Of Diabetes Mellitus Type 2, And Functions To Improve Glycemic Control In Adults When Combined With Diet And Exercise. DAP Is An Inhibitor Of Sodium-Glucose Cotransporter 2 (SGLT2) Responsible For The Majority Of The Reabsorption Of Filtered Glucose From The Tubular Lumen. By Inhibiting SGLT2, DAP Reduces Reabsorption Of Filtered Glucose And Lowers The Renal Threshold For Glucose, And Thereby Increases Urinary Glucose Excretion. In Present Work, A Selective, Specific, Sensitive And Economical UV Spectroscopic Method Has Been Developed For The Estimation Of Dapagliflozin In Bulk And Its Pharmaceutical Dosage Forms. An Absorption Maximum Was Found To Be At 233.65 Nm. Dapagliflozin Obeyed Beer's Law In The Concentration Range From 10-35  $\mu\text{g} / \text{ml}$ . Proposed





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Method Was Validated According To ICH Guidelines And Values Of Accuracy, Precision And Other Statistical Analysis Were Found To Be In Good Accordance With The Prescribed Values With Correlation Coefficient Of 0.9998. The Percentage Recovery Of Dapagliflozin Ranged From 99.7 In Pharmaceutical Dosage Form. Results Of The Analysis For Accuracy, Precision, LOD, LOQ And Were Found To Be Satisfactory. The Proposed Method Is Simple, Rapid And Suitable For The Routine Quality Control Analysis.

**9. R. Aswini.et.al<sup>[20]</sup>** Dapagliflozin And Saxagliptin Are Very Effectively Used Treatment For Type II Diabetes. They Are Very Potent Inhibitors Of Renal Glucose Reabsorption And Dipeptidyl Peptidase Protein 4(DPP-4) And Sodium Glucose Transport Protein 2 And Also They Are Called As DPP4 & SGLT2 Inhibitors. They Are Generally Administered As Tablets. Determination Of Dapagliflozin And Saxagliptin In Pharmaceutical Dosage Form And Bulk Form, Several Analytical Methods Including UV, HPLC, LC-MS And HPTLC Techniques Has Been Developed. Methods Indicating Human Plasma Stability And Impurity Profiling Are Also Described For Both Drugs. For Qualitative And Quantitative Estimation Of Dapagliflozin And Saxagliptin, These Analytical Methods Can Be Used And It Can Also Be Used For Its Related Degradants In Bulk Formulations And Biological Fluids. The Following Study Depicts The Review On Analytical Methods Which Includes Estimating The Antidiabetic Drugs.

**10.G. V. Mante.et.al<sup>[21]</sup>** Rapid, Precise And Accurate RP-HPLC Method For Estimation Of Dapagliflozin From Its Tablet Dosage Form Was Developed And Validated As Per ICH Guidelines. The Chromatographic Separation Was Achieved By Isocratic Mode With A Mixture Of Acetonitrile: 0.1% Triethylamine (Ph-5.0) In The Ratio Of 50:50v/V As Mobile Phase Using Princeton C18column At Flow Rate Of 1ml/Min And Detection Wavelength Of 224nm. Using Optimized Chromatographic Conditions, Retention Time Of Drug Was Found To Be 5.163min. The Proposed Method Obeyed Beer's-Lambert's Law In The Concentration Range Of 10-70µg/ML, With Correlation Coefficient Value 0.999. The Mean Percent Amount Of Drug Estimated Was 100.57%, Found To Be Good In Agreement With Label Claim Of Marketed Tablet Formulation. The Validation Parameters Like Accuracy,





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Precision, Ruggedness, Robustness, Linearity And Range Were Studied For Proposed Method And Were Found To Be Within Limits. Stress Testing Under Various Conditions Such As Ph (Acid/Base), Oxidation, Temperature, Light, Humidity, Etc. Was Also Carried Out

**11. Shilpi Pathak.** et.al<sup>[22]</sup> Dapagliflozin Is An Antidiabetic Drug That Works On The Kidneys Of Reabsorption Of Glucose In Kidneys By The Sodium-Glucose Co-Transporter Offer. It Is Used In Patients With Type 2 Diabetes. It Is Administered As Tablets. It Has Several Analytical Papers For Estimation Of Active Pharmaceutical Ingredient (API) Or Drug Formulation By Reverse Phase-High Performance Liquid Chromatography (RP-HPLC) And Ultraviolet Spectroscopy (UV). It Is Very Challenging To Use Of Chemicals, Drugs, And Solvent Of Separation Methods Used In The Pharmaceutical Product To Green Chemistry. This Review Mostly Used Dihydrogen Phosphate Buffer And Other Toxic Reagents For Estimation And These Agents Harm Instruments, As Well As, Environment And A Lot Of Waste So That Novel Analytical Techniques For Quantifying And Defining Dapagliflozin Should Be Built As Easy As Possible And Secure For The Individual And The Community. This Review Pays Attention To The Critical Condition Of Physicochemical, Properties, Action, And Aims To Focus On Different Analytical Methods For The Estimation Of Dapagliflozin In Pharmaceutical Formulations.

#### 4. DRUG PROFILE<sup>[23]</sup>

MOLECULAR FORMULA:  $C_{21}H_{25}ClO_6$



Cell : 9704 333 789  
9177287508  
7660003344



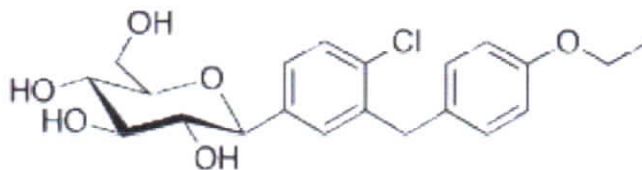
## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

STRUCTURE :



CHEMICAL NAME : BMS -512148; [1S]-1,5-anhydro-1-C-{4-chloro -3-[4-ethoxy  
Phenyl] methyl ]phenyl}-D-glucitol

CATEGORY : Antidiabetic

MOLECULAR WEIGHT : 408.873mg/ml

MELTING POINT : 74-78 °C

DESCRIPTION :

SOLUBILITY : ethanol, DMSO, Dimethyl formamide



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### PHARMACOKINETIC DATA

BIOAVAILADILITY : ORALLY

PROTIN BINDING : 91%

HALF LIFE : 12.9hrs

METABOLISM : HEPATIC

EXCRETION : RENAL EXCRETION

### MECHANISM OF ACTION

- Sodium-glucose cotransporter 2, expressed in the proximal renal tubules, is responsible for the majority of the reabsorption of filtered glucose from the tubular lumen
- Dapagliflozin is an inhibitor of SGLT2. By inhibiting SGLT2, Dapagliflozin reduces reabsorption of filtered glucose and thereby promotes urinary glucose excretion
- Dapagliflozin also reduces sodium reabsorption and increases the delivery of sodium to the distal tubule. This may influence several physiological functions including, but not restricted to, lowering both pre- and afterload of the heart and downregulation of sympathetic activity, and decreased intraglomerular pressure, which is believed to be mediated by increased tubuloglomerular







## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Uses: Used to treat type-2 diabetes mellitus.

### 5. MATERIALS AND INSTRUMENTS

The following materials used were either AR/LR grade or the Possible Pharma grade available as supplied by the manufacturer or supplier without further purification or investigation.

**Table No: 5.1 Materials**

S. No	Materials	Source
1	Dapagliflozin	Aurobindo pharma Pvt.Ltd, Jadacherla.
2	Methanol	Merck Mumbai Ltd, Mumbai.
3	Glacial acetic acid	Merck Mumbai Ltd, Mumbai.
4	Sulphuric acid	Merck Specialities Pvt Ltd, Mumbai.
5	Sodium hydro oxide	Merck Specialities Pvt Ltd, Mumbai.
6	Nitric acid	Merck Specialities Pvt Ltd, Mumbai.
7	Water	Nishanth, Kurnool
8	Ethanol	Merck Specialities Pvt Ltd, Mumbai.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

9	Choloroform	Merck Specialities Pvt Ltd, Mumbai.
---	-------------	-------------------------------------

Table No: 5.2 Instruments

S. No	Equipments	Source
1	UV Spectrophotometer	Analytical Technologies Limited 2080N
2	Sonicator	Wensar

### 6. METHODOLOGY

#### 6.1 UV SPECTROSCOPY

Analytical Technologies Limited UV-VIS 2080N Spectrophotometer was used with 1c m matched quartz cells. The data processing was performed using UV- probe software .

#### UV method development :

The parameters for the development were as follows

- 1] Linearity
- 2] Accuracy
- 3] Precision
- 4] Robustness



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

- 5] Ruggedness
- 6] Limit of detection
- 7] Limit of quantification

### Selection of solvents:

In order to select suitable solvent for determination of Dapagliflozin various solvent methanol, glacial acetic acid, sodium hydroxide, sulphuric acid, Nitric acid, ethanol tried for the solubility studies and it was found that Dapagliflozin was freely soluble in 0.1N HNO<sub>3</sub> the present investigation distilled water was selected as a solvent.

### Selection of wavelength:

10mg/ml of Dapagliflozin was scanned in the range of 200-400nm.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

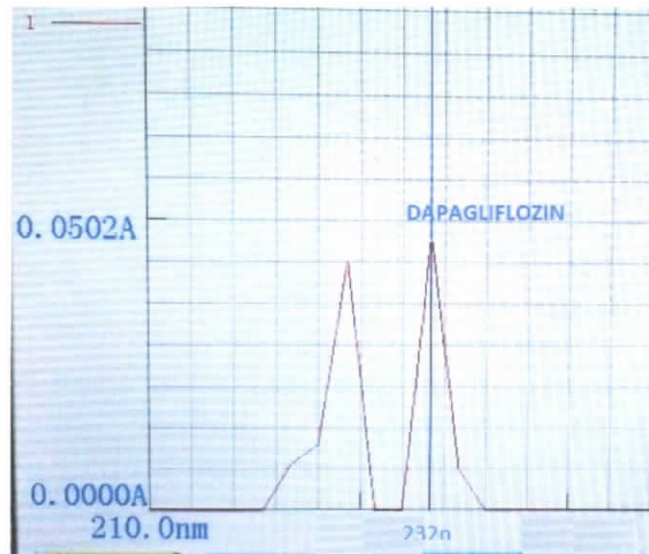


Fig.No. 6.1 UV spec

### VALIDATION OF THE METHOD:

The method was validated in terms of parameters like linearity, accuracy, precision, LOD, LOQ, ruggedness, and robustness.

#### Preparation of 0.1n nitric acid:

Take 63ml of Concentrated Nitric Acid and make upto to 1000 ml with water.

#### Preparation of stock solution:

100mg of Dapagliflozin was dissolved in 0.1n nitric acid in a 100 ml volumetric flask and solution was made upto volume with nitric acid.

#### Preparation of standard working solution:





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

10ml of standard solution was dissolved in 100ml of volumetric flask and the solution was made up to volume with 0.1N HNO<sub>3</sub>.

### 1.LINEARITY

To evaluate the linearity, serial dilution of analyte were prepared from the standard working solution was diluted with solvent to get a series of concentration ranging from 10,20,30,40,50 and 60 micro gram/ml. the prepared solution were filtered through whatman filter paper [NO.41]. Calibration curve was constructed by plotting the absorbance on y-axis against the concentration on x-axis [table no;7.2].

### 2.PRECISION

The precision of analysed method was studied by analysis of multiple sampling of homogeneous sample.

The precision is expressed as standard deviation [or] relative standard deviation. The precision of the method was demonstrated by intra-day and inter- day variation studies.

#### 2.1 Intraday-Precision :

In The Intraday Studies, the Standard Solutions (40mg/ml) Was Analysed for 6 Times in different time Interval with in day . %RSD was Calculated presented in table 7.3

#### 2.2 Inter day Precision :

In the Inter-day variation studies , the standard solution ( 40mg/ml) was Analysed for 6 times n different days . %RSD was Calculated Presented In 7.4

#### 3.Accuracy :





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Recovery Studies By The Standard Addition Method Performed with a View to Justify the accuracy of proposed method . previously analysed sample of Dapagliflozin (45,55and 65microg/ml) were spiked with 80,100,120% extra Dapagliflozin standard and the mixture were analysed by the proposed method. The experiment was performed in triplicate and recovery of the pure. %RSD was calculated and reported in table 7.9.

#### 4.Sensitivity:

The sensitivity of measuring of Dapagliflozin by use of the proposed method was estimated in terms of limit od detection [LOD] and the limit of quantitation {LOQ}. The LOD and LOQ were calucated by the use of equation  $LOD=3.3 \times \sigma/s$  /s and  $LOQ=10 \times \sigma/s$  where  $\sigma$  is the standard deviation of response and S is the slope of the calibration curve LOD and LOQ values are reported in table7.10 and 7.11

#### 5.RUGGEDNESS :

Ruggedness is the measure of the reproducibility of a test result under normal expected operating condition from instrument to instrument and analyst to analyst. The ruggedness of the method was determined by carrying out the experiment by different operations. The result of ruggedness testing is reported in the table 7.12

#### 6.ROBUSTNESS :

Robustness is a measure of capacity of a method to remain unaffected by small but deliberate variation in the method condition, and is indication of the reliability of the method. A method is robustness , if it is unexpected by small changes in operating condition. To determine the robustness of this method, the experimental condition where deliberately altered at 3 different levels and responses were evaluated. Variation of wave length[230nm and 234nm] had no significant effect and the absorbance of 40  $\mu\text{g/ml}$  Solution, indicating that the method was robustness. The result are shown in table 7.13 & 7.1





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### 7. RESULTS & DISCUSSION

#### UV SPECTROSCOPY METHOD

**Table No: 7.1 Characteristic parameters of Dapagliflozin for the proposed UV spectroscopy method:**

Parameters	UV
Calibration range ( $\mu\text{g/ml}$ )	10-60( $\mu\text{g/ml}$ )
Wavelength	232nm
Regression equation ( $y^*$ )	0.0435x
Slope	0.0435
Correlation co efficient( $r^2$ )	0.994
LOD ( $\mu\text{g/ml}$ )	5.36
LOQ ( $\mu\text{g/ml}$ )	17.08

$Y^*=bx+a$  where x is the concentration of Dapagliflozin in  $\mu\text{g/ml}$  and Y is the absorbance at the respective  $\lambda_{\text{max}}$ .

#### 7.1 VALIDATION OF ANALYTICAL METHOD:





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Validation of an analytical method is the process to establish by laboratory studies that the performance characteristic of the method meets the requirement for the intended analytical application. Performance characteristic were expressed in terms of analytical parameters.

### 1. Linearity:

Calibration graph were plotted using absorbance of standard drug versus concentration of standard drug solution. Linear regression data showed a good linear relationship over a

Concentration range 10-60 $\mu$ g/ml.

**Table No: 7.2. Calibration data of Dapagliflozin**

S. No.	Concentration ( $\mu$ g/ml)	Absorbance
1	0	0
2	10	0.0522
3	20	0.0884
4	30	0.1276







## Dr. K.V. Subba Reddy Institute of Pharmacy

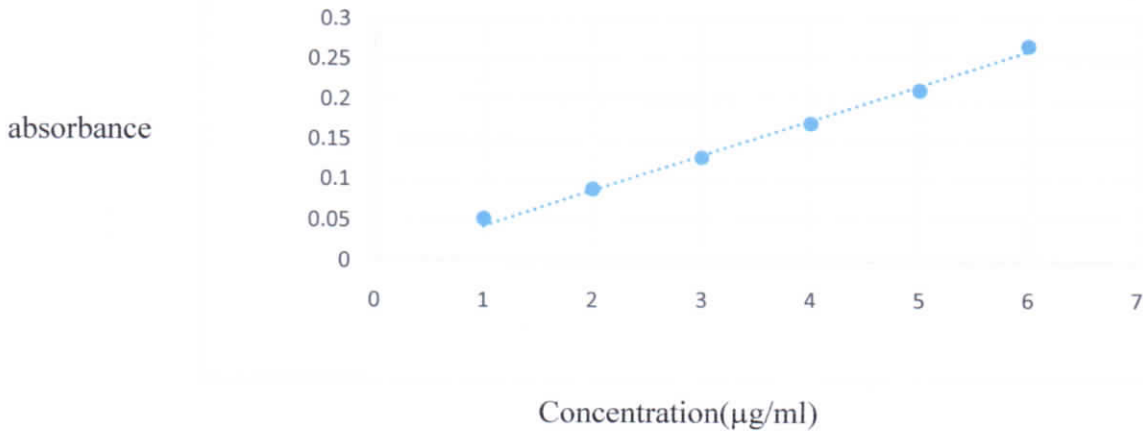
(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

5	40	0.1703
6	50	0.2122
7	60	0.2673

Chart Title



**Fig: 7.1 Calibration curve of Dapagliflozin**

**Observation:**





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

1. The correlation coefficient for Dapagliflozin was found to be 0.994 respectively.
2. The linearity range for Dapagliflozin was found to be 10-60 $\mu$ g/ml.

### 2. Precision:

Table No: 7.3. Intraday precision

O.S.No	Conc $\mu$ g/ml	Absorbance						AVG	SD	%RSD
		1	2	3	4	5	6			
1	40	0.1626	0.1635	0.1646	0.1677	0.1701	0.1697	0.16605	0.003523	1.1216
2	40	0.1763	0.1733	0.1785	0.1796	0.1749	0.1753	0.176317	0.002353	1.3345
3	40	0.1721	0.1762	0.1755	0.1727	0.1735	0.1778	0.174633	0.002221	1.5180
4	40	0.1711	0.1763	0.1785	0.1753	0.1733	0.1725	0.175383	0.002796	0.5942
5	40	0.1706	0.1713	0.1725	0.1736	0.1745	0.1755	0.173017	0.001911	1.1045





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

							6			
6.	40	0.172 5	0.173 6	0.174 8	0.179 0	0.178 3	0.175 4	0.17563 3	0.00257 3	1.466 4

### Acceptance criteria:

%RSD of the six replicate injections should not more than 2.0%

**Table No: 7.4: Inter day precision result**

S.No	Conc µg/ml	Absorbance						AVG	SD	%RSD
		1	2	3	4	5	6			
1	40	0.1789	0.1777	0.1752	0.1766	0.1745	0.1796	0.176417	0.001653	0.9369
2	40	0.1723	0.1745	0.1756	0.1789	0.1740	0.1755	0.175133	0.002202	1.2573
3	40	0.1718	0.1711	0.1758	0.1798	0.1765	0.1746	0.175083	0.003212	1.8345
4	40	0.1743	0.1721	0.1756	0.1725	0.1759	0.1774	0.174167	0.001569	0.9008
5	40	0.1746	0.1759	0.1785	0.1796	0.1764	0.1752	0.177067	0.001815	1.0250
6	40	0.1733	0.1725	0.1713	0.1791	0.1752	0.1769	0.174433	0.002749	1.575



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Acceptance criteria:

%RSD of the six replicate injections should not more than 2.0%

### 2. Accuracy:

Table No: 7.5.Observation for accuracy standard(50µg/ml)

S. No	Concentration (µg/ml)	Absorbance
1	Set-1	0.2127
2	Set-2	0.2073
3	Set-3	0.2098
4	AVG	0.2099
5	SD	0.002702
6	%RSD	1.28

Table No: 7.6Observation for accuracy for 80% (45µg/ml)



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

S. No	Concentration ( $\mu\text{g/ml}$ )	Absorbance
1	Set-1	0.1886
2	Set-2	0.1876
3	Set-3	0.1893
4	<b>AVG</b>	0.1885
5	<b>Result</b>	44.90
6	<b>%Rec</b>	101.3
7	<b>SD</b>	0.00085
8	<b>%RSD</b>	0.453

Table No: 7.7.Observation for accuracy standard 100% (55 $\mu\text{g/ml}$ )

S. No	Concentration ( $\mu\text{g/ml}$ )	Absorbance
1	Set-1	0.2345
2	Set-2	0.234



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

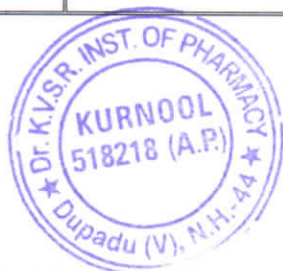
Principal / Correspondent

Date : .....

3	Set-3	0.2335
4	<b>AVG</b>	0.234
5	<b>Result</b>	55.74
6	<b>%Rec</b>	98.49
7	<b>SD</b>	0.0005
8	<b>%RSD</b>	0.0117

Table No: 7.8.Observation for accuracy standard 120% (65µg/ml)

S.No	Concentration (µg/ml)	Absorbance
1	Set-1	0.2563
2	Set-2	0.2691
3	Set-3	0.2881
4	<b>AVG</b>	0.271167
5	<b>Result</b>	64.57
6	<b>%Rec</b>	99.8





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

7	SD	0.016
8	%RSD	0.405

Table No: 7.9. For accuracy summary

Sample (%)	Initial amount( $\mu\text{g/ml}$ )	Amount added( $\mu\text{g/ml}$ )	Amount recovered( $\mu\text{g/ml}$ )	%Recovery $\pm\text{SD}^*$	%RSD
80	40	5	44.90	101.3 $\pm$ 0.003	0.453
100	50	5	55.74	98.49 $\pm$ 0.000	0.011
120	60	5	64.57	99.8 $\pm$ 0.016	0.405

\*Average of three determinations

### Acceptance criteria:

1. %Recovery should be within the range of 98-102%

2. %RSD should be less than 2.

### 4. Sensitivity:

Limit of detection of (LOD) and limit of quantitation (LOQ) were determined from standard and slope method as per ICH guidelines, for Dapagliflozin LOD was found to be 5.63 $\mu\text{g/ml}$  and LOQ was found to be 17.07 $\mu\text{g/ml}$ .

### Table No: 7.10. Observation of Limit of Detection:





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

S.No	Slope	SD of precision	LOD
1	0.043	0.0025	5.63

Table No: 7.11. Observation of Limit of quantitation:

S.No	Slope	SD of precision	LOQ
1	0.043	0.0025	17.07

### 5. Ruggedness:

Table No: 7.12. For Ruggedness(Analyst to Analyst)

S. No	Analyst-1		Analyst-2	
	Concentration( $\mu\text{g/ml}$ )	Absorbance	Concentration ( $\mu\text{g/ml}$ )	Absorbance
1	40	0.1743	40	0.1711
2	40	0.1708	40	0.1738
3	40	0.1722	40	0.1705
	<b>AVG</b>	0.1724	<b>AVG</b>	0.1718
	<b>SD</b>	0.001762	<b>SD</b>	0.001758
	<b>%RSD</b>	1.022	<b>%RSD</b>	1.023







## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Acceptance criteria:

%RSD of the six replicate injections should not more than 2.0%

### 6. Robustness:

Table No: 7.13. For 230 and 234 wavelengths

S. No	Concentration	Absorbance (at 230 nm)	Absorbance (at 234 nm)
1	Set-1	0.1425	0.1609
2	Set-2	0.1469	0.1589
3	Set-3	0.1438	0.1601
	<b>AVG</b>	0.1444	0.1599
	<b>SD</b>	0.002260	0.001007
	<b>%RSD</b>	1.56	0.6297

Table No: 7.14. Robustness Summary

S. No	Condition	Modification	Mean absorbance $\pm$ SD*	%RSD for absorbance
-------	-----------	--------------	---------------------------	---------------------



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

1	Wavelength(nm)	230	0.144±0.0022	1.56
		234	0.159±0.0010	0.62

\*Average of the three determination.

### Acceptance criteria:

%RSD should not be more than 2.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### DISCUSSION

In the present work, an attempt was made to provide a newer, sensitive, simple, accurate and low cost UV-Visible Spectroscopic method. It is successfully applied for the determination of Dapagliflozinin pharmaceutical preparations without the interferences of other constituent in the formulations.

The optimum wavelength for detection was 232nm at which better detector response for the drug were obtained. The calibration was linear in concentration range of 10-60 $\mu$ g/ml in the Table 7.2 for Dapagliflozin respectively. The sensitivity for the drug has been calculated and the LOD and LOQ of the Dapagliflozin was found to be 0.56  $\mu$ g/ml and 1.7  $\mu$ g/ml in the Table 7.10 & Table 7.11.

The low values of % R.S.D. indicate the method is precise and accurate. The mean recoveries were found in the range of 98-102% in the Table 7.9 for Dapagliflozin respectively.

Ruggedness of the proposed methods was determined by analysis of aliquots from homogeneous slot by different analysts, using similar operational and environmental conditions; the % R.S.D. reported was found to be less than 2 % in the Table 7.12.

The proposed method was validated in accordance with ICH parameters and the results of all methods were very close to each other as well as to the label value of commercial pharmaceutical formulation. Therefore, there is no significant difference in the results achieved by the proposed method.



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Hence it is suggested that the proposed is UV / VIS Spectrophotometric method can be effectively applied for the routine analysis of Dapagliflozin bulk.

### 8. CONCLUSION

For routine analytical purpose it is always necessary to establish method capable of analysing huge number of samples in a short time period with due accuracy and precision.

Dapagliflozin is not official in Pharmacopoeia. There is few analytical methods appeared in the literature for the determination of the Dapagliflozin. In literature review we have method only for the estimation of the above drugs of concern in individually or in combination of others .In view of the above, a simple and specific analytical method was planned to develop with sensitivity, accuracy, precision and economical.

In the present investigation of UV spectrophotometric method for the quantitative estimation of Dapagliflozin in pure drug has been developed and validated.

The proposed UV method is more sensitive, accurate and precise and is suggested for routine analysis.



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

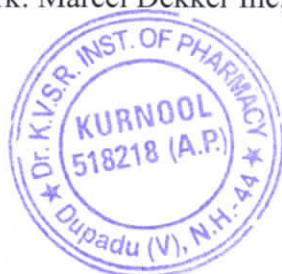
(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### 9. BIBLIOGRAPHY

1. David Harvey. Modern Analytical Chemistry. 1<sup>st</sup> ed. United States of America: Harcourt Brace & Company ; 1997.p.2, 578-80
2. Sharma BK. Instrumental Methods of Chemical Analysis. 13<sup>th</sup> ed. Meerut: Goel Publisher House; 2000. p.1, 7.
3. Jeffery GH, Bassett J, Mendham J, Denny RC. Vogel's Text book of Quantitative Chemical Analysis . 5<sup>th</sup> ed. New York: John Wily & sons, Inc.; 1989.p.7, 668-9.
4. Sethi PD. Quantitative Analysis of Drugs in Pharmaceutical Formulations. 3<sup>rd</sup> ed. New Delhi: CBS Publishers and Distributors; CBS Publishers and Distributors 1986.p.1, 20.
5. Willard HH, Merrit LL, Dean JA, Setle FA. Jr. Instrumental Methods of Analysis. 6<sup>th</sup> ed. New Delhi: CBS Publishers and Distributors ; 1989.
6. Day RA, Underwood AL. Quantitative Analysis. 4<sup>th</sup> ed. New Delhi: Prentice Hall; 1986.
7. Ravi Sankar S. Text book of Pharmaceutical analysis. 3<sup>rd</sup> ed. Tirunelveli; Rx Publications; 2001. P. 1-1.
8. Chatwal, Anand. Instrumental Methods of Chemicals Analysis. 1<sup>st</sup> ed. Mumbai: Himalaya Publishing House; 2000. P. 184.
9. Elhance DN. Fundamentals of statistics, Kitab mahal; ed XL VII, 2003; 10.
10. Shodhganga.inflibnet.ac.in> bitstream.
11. U Berry RI, Nash AR. Pharmaceutical Process Validation and Analytical method validation. 1<sup>st</sup> ed. New York: Marcel Dekker Inc; 1993. P. 411-2.





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

12. Ashish Patel. Development and Stability indicating HPLC methods for Dapagliflozin in APL & Pharmaceutical Dosages form. International Journal of Application Pharmaceutics 9(5) : 33. DOI: 10.22159/ijap. 2017v 9i5. 19185
13. Vidhi S. Dave. Estimation of Dapagliflozin from its Tablet formation by UV Spectrophotometry Pharmaceutical Methods 8(2): 102-107. DOI: 10.5530/phm.2017.8.16
14. K.Bhavyasri. A Novel Methods Development and Validation of Dapagliflozin and Metormin Hydrochloride using Simultaneous Equation Methods by UV Visible Spectroscopy in Bulk and combined Pharmaceutical formulation including forced Degradation Studies J. Pharma.Sci & Res. Vol: 12(8), 2020, 1100-1105.
15. Gajanan Vithoba Monte. Estimation of Dapagliflozin from its Tablet International Journal of ChemTech Research ISSN: 0974-4290, Vol. 11 No. 01, 2018 pp 242-248.
16. Mohd.Zameeruddin. Development of UV Spectrophotometry Methods for Simultaneous Estimation of Dapagliflozin and Saxagliptin in Synthetic Mixture IJPAP Vol.8 /issue 1/ Jan-Mar-2019.
17. Dr.K.Bhavyasri. Estimation of Dapagliflozin in Pure and Marketed formulation by Validated Reverse Phase High Performance Liquid Chromatographic Methods International Journal of Pharma and Bio Sciences 10(4). DOI: 10.22376/ijpbs/lpr.2020.10.4.P70-84.
18. M.R. Usman. Development and Validation of UV Spectrophotometric Method for Estimation of Saxagliptin and Dapagliflozin in Bulk and Dosages form IJPSR. 2021: Vol.12(4): 2185-2192. Issue 4 p-ISSN: 2320-5148.
19. Karuna Priya Chitra. Unique UV Spectrophotometric Method for reckoning of Dapagliflozin in But and Pharmaceutical Dosages forms Journal of Chemical and Pharmaceutical Research, 2015, 7(9): 45-49.



Cell : 9704 333 789

9177287508

7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)

Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.

E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

**Principal / Correspondent**

Date : .....

20. R.Aswini. A Review on Analytical Methods for Estimation of Dapagliflozin and Saxagilptin in Bulk and in Pharmaceutical Dosages forms IJRPC 2018, 8(3), 460-468. ISSN: 2231-2781.
21. G.V. Mante. RP-HPLC methods for Estimation of Dapagliflozin from its Tablet International Journal of ChemTech Research 11(1): 2021,242-248.
22. Shilpi Pathak. A Review on Analytical Methods of Dapagliflozin International Journal of Pharmaceutical quality Assurance 11(3) : 355-360.
23. <https://go.drugbank.com/drugs/DB0629>



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### CASE STUDY LEARNING

Case studies are a written description of a real-life problem or situation. Only the facts are provided, usually in chronologic sequence similar to what would be encountered in a patient care setting. The use of cases actively involves the students in the analysis of facts and details of the case in the traditional format called SOAP analysis, by selection of a solution to the problem and defense of his or her solution through discussion of the case details. In the case based learning students use their recall of previously learned information to solve clinical case. The case method is used primarily to develop the skills of self-learning, critical thinking, problem identification, and decision making. Working on subsequent cases with similar problems reinforces information recall. Case studies in the health sciences provides the personal history of an individual patient and information about 1 or more health problems that must be solved. The students work through the facts of the case, analyze the available data, gather more information, develop hypotheses, consider possible solutions, arrive at the optimal solution and consider the consequences of the learner's decisions. The use of the case studies and other active learning strategies will enhance the development of essential skills necessary to practice pharmacy in any setting, including community, ambulatory care, primary care, health systems. Long term care. Home health care, managed care and the pharmaceutical industry.



*Sulemana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### PHARM.D ROASTERS YEAR WISE(21-22)

#### PHARM.D-II YEAR ROASTERS

Dr. K. V. SUBBA REDDY INSTITUTE OF PHARMACY, DUPADU KURNOOL PHARM D II YR 2021-2022 (M.O.U WITH G.G.H KURNOOL)								
ROLL NO	NAME OF STUDENT	JAN-FEB (2022)	MARCH-APRIL (2022)	MAY - JUNE (2022)	JULY (2022)	AUGUST (2022)	SEPTEMBER (2022)	OCTOBER (2022)
20ERIT0002	DADIPINENI LEELAVATHI	PAEDIATRICS (CHMW-1,2)	MM-7	MM-2	PATIENT COUNSELLING	MM-1	PAEDIATRICS (CHMW-3,4)	MM-3
20ERIT0003	DEVARAKONDA GAMANASREE							
20ERIT0004	DUPATI MAHA AISHWARYA							
20ERIT0005	GIGGULA SUCHARITHA							
20ERIT0006	GURRAM KAVYA							
20ERIT0007	HEBBARE SRAVANI BAI	MM-3	PAEDIATRICS (CHMW-1,2)	MM-7	MM-2	PATIENT COUNSELLING	MM-1	PAEDIATRICS (CHMW-3,4)
20ERIT0008	JINKA LAVANYA							
20ERIT0009	KALLUR SAI SIREESHA							
20ERIT0010	KAMALAPURAM SUPRAJA BAI							
20ERIT0011	KOTHAMASUMI HIMA BINDU							
20ERIT0012	MADDALA BHAVYASREE	PAEDIATRICS (CHMW-3,4)	MM-3	PAEDIA TRICS (CHMW-1,2)	MM-7	MM-2	PATIENT COUNSELLING	MM-1
20ERIT0013	MAMIDI HEMALATHA							
20ERIT0014	MEDIGA SUMALATHA							
20ERIT0015	MENUGA CHITRA							
20ERIT0016	MERCY AMULYA							
20ERIT0017	SUVARNA SRAVANI	MM-1	PAEDIATRICS (CHMW-3,4)	MM-3	PAEDIATRICS (CHMW-1,2)	MM-7	MM-2	PATIENT COUNSELLING
20ERIT0018	VAVILALA ARCHANA							
20ERIT0019	VISANAKARRA TRIVENTI							
20ERIT0020	BOGYAM MANASA							
20ERIT0021	EDDUPENTA SUMANJALI							
20ERIT0022	EPPALA CHARITHA	PATIENT COUNSELLING	MM-1	PAEDIATRICS (CHMW-3,4)	MM-3	PAEDIATRICS (CHMW-1,2)	MM-7	MM-2
20ERIT0023	GENIKALA NAGA SUREKHA							
20ERIT0024	GUNDA KIRTI							
20ERIT0025	SHAIK IRSHAD NUFSHRUN							
20ERIT0026	VANGALA SAMYUKTHA							
20ERIT0027	MOLLA KIFAYATHULLA	MM-2	PATIENT COUNSELLING	MM-1	PAEDIATRICS (CHMW-3,4)	MM-3	PAEDIATRICS (CHMW-1,2)	MM-7
20ERIT0028	K.S.PRADHYYUMNA							
20ERIT0029	SYED ABRAR AHMED							
20ERIT0030	SHAIK NASIR AHMAD							
20ERIT0031	VEMULURI VIJAY TEJA							
20ERIT0032	SHAIK KHALID							

Principal  
Dr. K. V. Subba Reddy Institute of Pharmacy  
Kurnool  
Principal  
Dr. K.V.S.R. Institute of Pharmacy  
Opp. Dupadu R.S. N.H-7  
Kurnool (A.P.)

Superintendent  
Government General Hospital  
Kurnool

### BATCH-I( JAN -FEB)

ROLL NUMBER	STUDENT NAME	WARD
20ERIT0002	D.LEELAVATHI	PEDIATRICS(CHMW-1,2)
20ERIT0003	D.GAMANA SREE	
20ERIT0004	D.MAHA AISHWARYA	
20ERIT0005	G.SUCHARITHA	

*Bidemanu*  
Principal  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

20ERIT0006	G.KAVYA	
------------	---------	--

**BATCH-II(JAN -FEB)**

ROLL NUMBER	STUDENT NAME	WARD
20ERIT0007	H.SRAVANIBAI	MM3
20ERIT0008	J.LAVANYA	
20ERIT0009	K.SAI SIRISHA	
20ERIT0010	K.SUPRAJA BAI	
20ERIT0011	K.HIMA BIMDU	
20ERIT0012	M.BHAVYA	
20ERIT0013	M.HEMALATHA	
20ERIT0014	M.SUMALATHA	
20ERIT0015	M.CHITRA	
20ERIT0016	M.AMULYA	

ROLL NUMBER	STUDENT NAME	WARD
20ERIT0017	SUVARNA SRAVANI	MM-1
20ERIT0018	V.ARCHANA	
20ERIT0019	V.TRIVENI	
20ERIT0020	B.MANASA	
20ERIT0021	E.SUMANJALI	

ROLL NUMBER	STUDENT NAME	WARD
20ERIT0022	E.CHARITHA	PATIENT COUNSELLING
20ERIT0023	G.NAGA SUREKHA	
20ERIT0024	G.KIRTHI	
20ERIT0025	S.IRSHAD NUFSHRUN	
20ERIT0026	V.SAMYUKTHA	

ROLL NUMBER	STUDENT NAME	WARD
20ERIT0027	M.KIFAYATHULLA	MM-2
20ERIT0028	K.S.PRADHYUMNA	

*Schemana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

20ER1T0029	S.ABRAR AHMED	
20ER1T0030	S.NASIR AHMED	
20ER1T0031	V.VIJAYA TEJA	
20ER1T0032	S.KALID	

*S. Hemana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## PHARM.D III YEAR ROASTER(2021-2022)

Dr. K. V. SUBBA REDDY INSTITUTE OF PHARMACY, DUPADU KURNOOL (M.O.U WITH G.G.H KURNOOL) III rd YEAR 2021-2022

ROLL NUMBERS	NAMES OF STUDENTS	Aug-Sept (2021)	Oct-Nov	Dec-Jan(2022)	Feb-March	April-May	June
19ER1T0002	Alefiya kotawala	MM-7	DVL	PATIENT COUNSELING	MM-3	MM-1	MM-2
19ER1T0003	A.Keerthi						
19ER1T0004	B.Sowjanya						
19ER1T0005	B.Aswini Bai						
19ER1T0006	C.Sushma	MM-2	MM-7	DVL	PATIENT COUNSELING	MM-3	MM-1
19ER1T0009	G.Mounika						
19ER1T0010	G.Naga vinugna						
19ER1T0012	K. Meghana						
19ER1T0013	P. Naga Sruthi	MM-1	MM-2	MM-7	DVL	PATIENT COUNSELING	MM-3
19ER1T0014	Shaik Rizwana						
19ER1T0018	B. Mounika						
19ER1T0024	P. Sudha						
19ER1T0025	S.Navya Siree	MM-3	MM-1	MM-2	MM-7	DVL	PATIENT COUNSELING
19ER1T0026	T. Khasid						
19ER1T0028	Valmiki Venkateshwari						
19ER1T0029	Vangala Naga divya						
19ER1T0007	C. Mehaboob Desai	PATIENT COUNSELING	MM-3	MM-1	MM-2	MM-7	DVL
19ER1T0001	A. Dilip Kumar						
19ER1T0011	K.Sai Chaitanya						
19ER1T0015	V. Vamsi Krishna						
19ER1T0016	A. Sai Kumar Reddy	DVL	PATIENT COUNSELING	MM-3	MM-1	MM-2	MM-7
19ER1T0017	B. Venkatesh						
19ER1T0019	K. Veera Reddy						
19ER1T0020	K. Satyanarayana charan						
19ER1T0021	M. Hanumantha	MM-3	MM-1	MM-2	MM-7	MM-1	MM-2
19ER1T0023	P. Shee Gangadhar						
19ER1T0027	T. Bhanu Prakash						

PRINCIPAL  
Dr. K.V. SUBBA REDDY INSTITUTE OF PHARMACY  
KURNOOL

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp. Dupadu R.S. N.H-7,  
KURNOOL-518218 (A.P.)

SUPERINTENDENT  
GOVERNMENT GENERAL HOSPITAL  
KURNOOL

*S. Venkatesh*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### HOSPITAL DUTIES (AUG-SEP) (AY: 21-22)

ROLL NUMBER	STUDENT NAME	WARD
19ER1T0002	K.ALEFIYA	MM-7
19ER1T0003	A.KEERTHI	
19ER1T0004	B.SOWJANYA	
19ER1T0005	B.ASHWINI BAI	
19ER1T0006	C.SUSHMA	

ROLL NUMBER	STUDENT NAME	WARD
19ER1T0009	G.MOUNIKA	MM-2
19ER1T0010	G.NAGA VINUGNA	
19ER1T0012	K.MEGHANA	
19ER1T0013	P.NAGA SRUTHI	

ROLL NUMBER	STUDENT NAME	WARD
19ER1T0014	SHAIK RIZWANA	MM-1
19ER1T0018	B.MOUNIKA	
19ER1T0024	P.SUDHA KALYANI	
19ER1T0025	S.NAVYA SREE	

*S. Schemana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

ROLL NUMBER	STUDENT NAME	WARD
19ER1T0026	T.KHASID	MM-3
19ER1T0026	V.VENKATESWARI	
19ER1T0026	V.NAGA DIVYA	
19ER1T0026	C.MEHABOOB DESAI	
19ER1T0026	A.DILIP	
19ER1T0001		

ROLL NUMBER	STUDENT NAME	WARD
19ER1T0011	K.SAI CHAITANYA	PATIENT COUNSELLING
19ER1T0015	V.VAMSI KRISHNA	
19ER1T0016	A.SAI KUMAR REDDY	
19ER1T0017	B.VENKATESH	
19ER1T0019	K.VEERA REDDY	

ROLL NUMBER	STUDENT NAME	WARD
19ER1T0020	K.V.S.CHARAN	DVL
19ER1T0021	M.HANUMANTH	
19ER1T0023	P.SIVA GANGHADHAR	
19ER1T0027	T.BHANU PRAKASH	

*S. Venkatesh*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### PHARM.D IV YEAR(2021-2022)

Dr. K. V. SUBBA REDDY INSTITUTE OF PHARMACY, DUPADU KURNOOL (M.O.U WITH G.G.H KURNOOL) 2021-2022

ROLL NUMBERS	NAMES OF STUDENTS	PHARM.D IV YEAR					
		Aug-Sept (2021)	Oct-Nov	Dec-Jan(2022)	Feb-March	April-May	June
18ERIT0001	B.RAMADEVI	MM-1	MM-7	MM-3 MM-4	PAEDIATRICS	PSYCHIATRIC	MM-2
18ERIT0002	G.SAI VILASINI						
18ERIT0003	E.LIKITHA						
18ERIT0004	J.DIVYASREE						
18ERIT0005	J.HEMALATHA						
18ERIT0007	M.MANIPRASANNA	MM-2	MM-1	MM-7	MM-3 MM-4	PAEDIATRICS	PSYCHIATRIC
18ERIT0008	M.RADHIKA						
18ERIT0010	P.ASMA						
18ERIT0011	S.TAHURA BATUL						
18ERIT0013	S.ZUWERIYA SULTANA						
18ERIT0014	D.DURGA PAVITRA	PSYCHIATRIC	MM-2	MM-1	MM-7	MM-3 MM-4	PAEDIATRICS
18ERIT0015	S.VANI						
18ERIT0016	T.JAINAVI						
18ERIT0017	U.JOSHITHA						
18ERIT0018	V.TEJASWINI						
18ERIT0019	V.MALLESHWARI	PAEDIATRICS	PSYCHIATRIC	MM-2	MM-1	MM-7	MM-3 MM-4
18ERIT0021	J.ZUBA KHANAM						
18ERIT0022	K.KEERTHANA						
18ERIT0023	K.DIVYA SIRISHA						
18ERIT0025	S.ASMA PARVEEN						
18ERIT0026	E.ROHINI VADANA	MM-3 MM-4	PAEDIATRICS	PSYCHIATRIC	MM-2	MM-1	MM-7
18ERIT0029	S.SANA AFREEN						
18ERIT0030	S.SANA AFREEN						
18ERIT0011	S.BABA ARSHID						
18ERIT0066	K.SHANMUKA GANESH						
18ERIT0009	M.SUJAN DORA	MM-7	MM-3 MM-4	PAEDIATRICS	PSYCHIATRIC	MM-2	MM-1
18ERIT0020	I.SAIKIRAN						
18ERIT0024	M.PRANEETH PREMPAUL						
18ERIT0027	P.ANWAR BASHA						
18ERIT0028	R.VIJAY VIKAS						
18ERIT0026	S.NEHAL						

PRINCIPAL  
Dr. K. V. SUBBA REDDY INSTITUTE OF PHARMACY  
KURNOOL

SUPERINTENDENT  
GOVERNMENT GENERAL HOSPITAL  
KURNOOL

Principal -  
Dr. K.V.S.R. Institute of Pharmacy  
Opp. Dupadu R.S. N.H.-7  
KURNOOL-518218 (A.P.)

### HOSPITAL DUTIES (AUG-SEP) (AY 21-22)

REG.NO	NAME OF THE STUDENT	WARD
18ERIT0001	B.RAMA DEVI	MM-1
18ERIT0002	G.SAI VILASINI	
18ERIT0003	E.LIKITHA	
18ERIT0004	J.DIVYA SREE	
18ERIT0005	J.HEMA LATHA	

*Schemana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

REG.NO	NAME OF THE STUDENT	WARD
18ER1T0007	M.RADHIKA	MM-2
18ER1T0008	P.ASMA	
18ER1T0010	S.TAHURA BATUL	
18ER1T0013	S.ZUWERIYA SULTHANA	

REG.NO	NAME OF THE STUDENT	WARD
18ER1T0014	D.DURGA PAVITHA	PSYCHIATRY
18ER1T0015	S.VANI	
18ER1T0016	T.JAHNAVI	
18ER1T0017	U.JOSHITHA	
18ER1T0018	V.TEJASWINI	

REG.NO	NAME OF THE STUDENT	WARD
18ER1T0019	V.MALLESWARI	PEDIATRICS
18ER1T0020	J.ZUHA KHANUM	
18ER1T0022	K.KEERTHANA	
18ER1T0023	K. DIVYA SIRISHA	
18ER1T0025	S.ASMA PARVEEN	

REG.NO	NAME OF THE STUDENT	WARD
18ER1T0026	E.ROHINI VANDANA	MM-3,MM-4
18ER1T0029	S.SANA AFREEN	
18ER1T0030	S.SANAAFREEN	
18ER1T0011	S.BASHA ARSHID	

*S. Suman*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

18ERIT0006	K.SHANMUKH GANESH	
------------	-------------------	--

REG.NO	NAME OF THE STUDENT	WARD
18ERIT0009	M.SUJAN DORA	MM-7
18ERIT0020	I.SAI KIRAN	
18ERIT0024	M.PRANEETH PREM PAUL	
18ERIT0027	P.ANWAR BASHA	
18ERIT0028	R.VIJAY KUMAR	
18ERIT0026	S.NEHAL	

*S. Hemana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### PHARM.D V YEAR(2021-2022)


**Dr. K. V. Subba Reddy Institute of Pharmacy, Dupadu Kurnool (M.O.U WITH G.G.H KURNOOL)**  
**PHARM.D CLERK SHIP HOSPITAL POSTINGS 2021-2022**

Roll No	Names	Aug-Sept (2021)	Oct-Nov	Dec-Jan (2022)	Feb-March	April	May
17ERIT0001	B. SOWJANYA	General surgery	Pediatrics	MM-1 MM-2	DVL	Psychiatry	MM-7
17ERIT0002	D.SANDYA						
17ERIT0003	D. CHETHANA						
17ERIT0004	D.SAILAJA						
17ERIT0005	K. SUPRAJA						
17ERIT0006	K. LAKSHMI CHARITHA	MM-7	General surgery	Pediatrics	MM-1 MM-2	DVL	Psychiatry
17ERIT0007	K.BHAVANI						
17ERIT0008	M. PRIYANKA						
17ERIT0009	M. MAMATHA						
17ERIT0010	N. VIJAYA						
17ERIT0011	N. NAVYASREE	Psychiatry	MM-7	General surgery	Pediatrics	MM-1 MM-2	DVL
17ERIT0012	S.RUKSAR SAMREEN						
17ERIT0013	S. SUDASINI						
17ERIT0015	S. SHAFIYA TABASSUM						
17ERIT0016	SHAIK WASIMA NASREEN						
17ERIT0017	AMBATI PAVITRA	DVL	Psychiatry	MM-7	General surgery	Pediatrics	MM-1 MM-2
17ERIT0018	G. LLOHON REBEKHA						
17ERIT0019	J.PAVITRA						
17ERIT0021	M. V. VAISHNAVI						
17ERIT0022	N. SHINY SUSAN						
17ERIT0023	P. DIVYA	MM-1 MM-2	DVL	Psychiatry	MM-7	General surgery	Pediatrics
17ERIT0025	RUMSHA RUKSAR						
17ERIT0027	SHAIK THASLEEM						
17ERIT0028	T. YAMINI						
17ERIT0029	V.SAMYUKTHA						
17ERIT0014	S. VISWANATH REDDY	Pediatrics	MM-1 MM-2	DVL	Psychiatry	MM-7	General surgery
17ERIT0020	K.LAL REDDY						
17ERIT0024	R. NEERAJ						
17ERIT0030	Y. KARTHIK KUMAR						
16Y0110221	SHOAB ABDUR RAQUEEB						

PRINCIPAL  
Dr. K.V. SUBBA REDDY INSTITUTE OF PHARMACY  
KURNOOL  
  
 PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H-7  
KURNOOL-518218 (A.P.)  
  
 SUPERINTENDENT  
GOVERNMENT GENERAL HOSPITAL  
KURNOOL

### HOSPITAL DUTIES (AUG-SEP) (AY 21-22)

REG.NO	NAME OF THE STUDENT	WARD
17ERIT0001	B.SOWJANYA	GENERAL SURGERY
17ERIT0002	D.SANDYA	
17ERIT0003	D.CHETHANA	
17ERIT0004	D.SAILAJA	
17ERIT0005	K.SUPRAJA	

  
 PRINCIPAL  
 Dr. K.V.S.R. Institute of Pharmacy  
 Opp: Dupadu R.S. N.H.-44,  
 KURNOOL-518218 (A.P)

Cell : 9704 333 789

9177287508

7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)

Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.

E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

REG.NO	NAME OF THE STUDENT	WARD
17ER1T0006	K.LAKSHMI CHARITHA	MM-7
17ER1T0007	K.BHAVANI	
17ER1T0008	M.PRIYANKA	
17ER1T0009	M.MAMATHA	
17ER1T0010	N.VIJAYA	

REG.NO	NAME OF THE STUDENT	WARD
17ER1T0011	N.NAVYA SREE	PSYCHIATRY
17ER1T0012	S.RUKSAR SAMREEN	
17ER1T0013	S.SUHASINI	
17ER1T0015	S.SHAFIYA THABASSUM	
17ER1T0016	A.WASIMA NASREEN	

REG.NO	NAME OF THE STUDENT	WARD
17ER1T0017	A.PAVITHARA	DVL
17ER1T0018	G.LEOHON REBEKHA	
17ER1T0019	J.PAVITHRA	
17ER1T0021	M.VAISHNAVI	
17ER1T0022	N.SHINY SUSAN	

*Subbarama*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## PHARM.D VI YEAR(2021-2022)

Dr. K. V. SUBBA REDDY INSTITUTE OF PHARMACY, DUPADU KURNOOL (M.O.U. WITH G.G.H. KURNOOL) INTERNSHIP 2021-2022 YEAR

ROLL NUMBERS	NAME OF THE STUDENT	JUNE [15/06/2021]-JULY	AUGUST- SEPTEMBER	OCTOBER- NOVEMBER	DECEMBER- JANUARY 2022)	FEBURARY-MARCH	APRIL-JUNE (14/06/2022)
16ER1T0007	G. NAVIEN BABU	PSYCHIATRIC	PEADIATRICS	GENERAL SURGERY	MM-7	MM-8	FM-1
16ER1T0008	ASAD ALI KHAN						
16ER1T0010	M RAMANJANEYULU						
16ER1T0011	M. RAM SUPNI	FM-7 FM-8	PSYCHIATRIC	PEADIATRICS	GENERAL SURGERY	MM-7	MM-2
16ER1T0017	D. VARJUB BASHA						
16ER1T0003	P. JAVIED						
16ER1T0006	S. MANIKANTA	MM-8	FM-7 FM-8	PSYCHIATRIC	PEADIATRICS	GENERAL SURGERY	MM-7
16ER1T0020	S. LOKESH ROYAL						
16ER1T0021	S. SUBBA REDDY						
16ER1T0004	C. KEERTHI	MM-7	MM-8	FM-7 FM-8	PSYCHIATRIC	PEADIATRICS	GENERAL SURGERY
16ER1T0013	M. SAJ DEEPIKA						
16ER1T0028	L. SWETHA MADHURJIMA						
16ER1T0015	D. SHARON ROSE	GENERAL SURGERY	MM-7	MM-8	FM-7 FM-8	PSYCHIATRIC	PEADIATRICS
16ER1T0016	M. V. NAGA VASAVI LATHA						
16ER1T0026	L. G. FACE						
16ER1T0027	R. MANASA	GENERAL SURGERY	MM-7	MM-8	FM-7 FM-8	PSYCHIATRIC	PEADIATRICS
16ER1T0028	S. SHARANA TASALEEN						
16ER1T0014	S. SUMERA IBHAM						
16ER1T0030	D. JAYAROPA VANI	PEADIATRICS	GENERAL SURGERY	MM-7	MM-8	FM-7 FM-8	PSYCHIATRIC
16ER1T0018	B. BHAVANA						
16ER1T0019	SRI KRISHNA ZYOTIKA						
16ER1T0021	M. PRIYANALI	PEADIATRICS	GENERAL SURGERY	MM-7	MM-8	FM-7 FM-8	PSYCHIATRIC
16ER1T0024	L. VAISHNAVI						
16ER1T0025	V. HARI SUSHUMA						
16ER1T0001	B. AKHILA	PEADIATRICS	GENERAL SURGERY	MM-7	MM-8	FM-7 FM-8	PSYCHIATRIC
16ER1T0002	M. AKSHITHA						
16ER1T0005	LASYA						
16ER1T0009	P. PREMA LATHA						
16ER1T0012	SADIYA SAMREEN						

Principal  
Dr. K.V. Subba Reddy Institute of Pharmacy  
KURNOOL

Superintendent  
Government General Hospital  
KURNOOL

*S. Manasa*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

REG NUM	NAME OF THE STUDENT	WARD
16ERIT0004	C.KEERTHI	MM-8
16ERIT0013	M.SAI DEEPIKA	
16ERIT0029	L.SWETHA MADHURIMA	
16ERIT0015	D.SHARONE ROSE	
16ERIT0016	M.V.NAGA VASAVI LATHA	

REG NUM	NAME OF THE STUDENT	WARD
16ERIT0026	L.GRACE	MM-2
16ERIT0027	K.MANASA	
16ERIT0028	S.SHBHANA	
16ERIT0014	S.SUMERA	
16ERIT0030	D.JAYA RUPA VANI	

REG NUM	NAME OF THE STUDENT	WARD
16ERIT0018	B.BHAVANA	GENERAL SURGERY
16ERIT0019	SRI KRISHNA JYOTHIKA	
16ERIT0021	M.PRIYANJALI	
16ERIT0024	L.VAISHNAVI	
16ERIT0025	V.HARI SUSHMA	

REG NUM	NAME OF THE STUDENT	WARD

*S. K. S. R.*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P).

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

16ERIT0001	B.AKHILA	PEDIATRICS
16ERIT0002	M.AKSHITHA	
16ERIT0005	LASYA	
16ERIT0009	P.PREMA LATHA	
16ERIT0012	SADIYA SAMREEN	

*Subbanna*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. - 444,  
KURNOOL (A.P.)



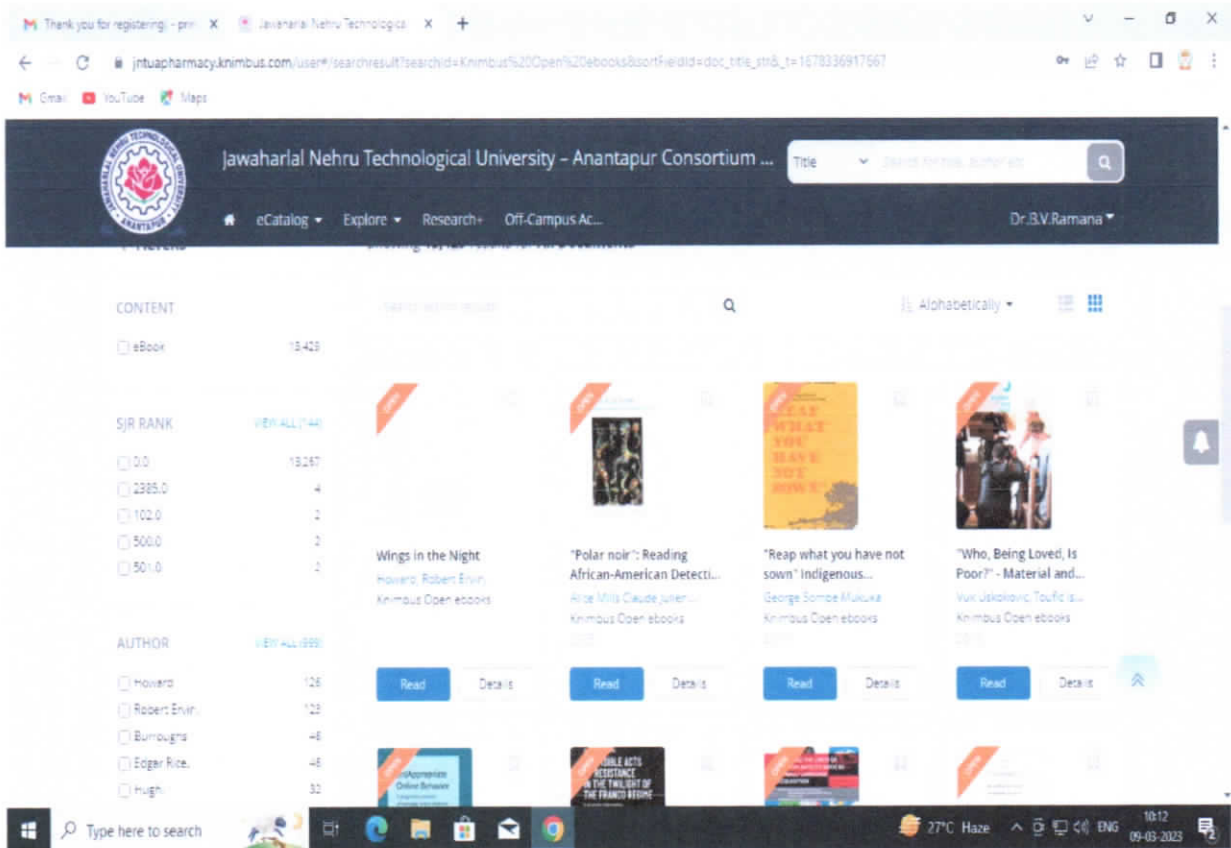
# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## E- LEARNING



*S. Ramana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344

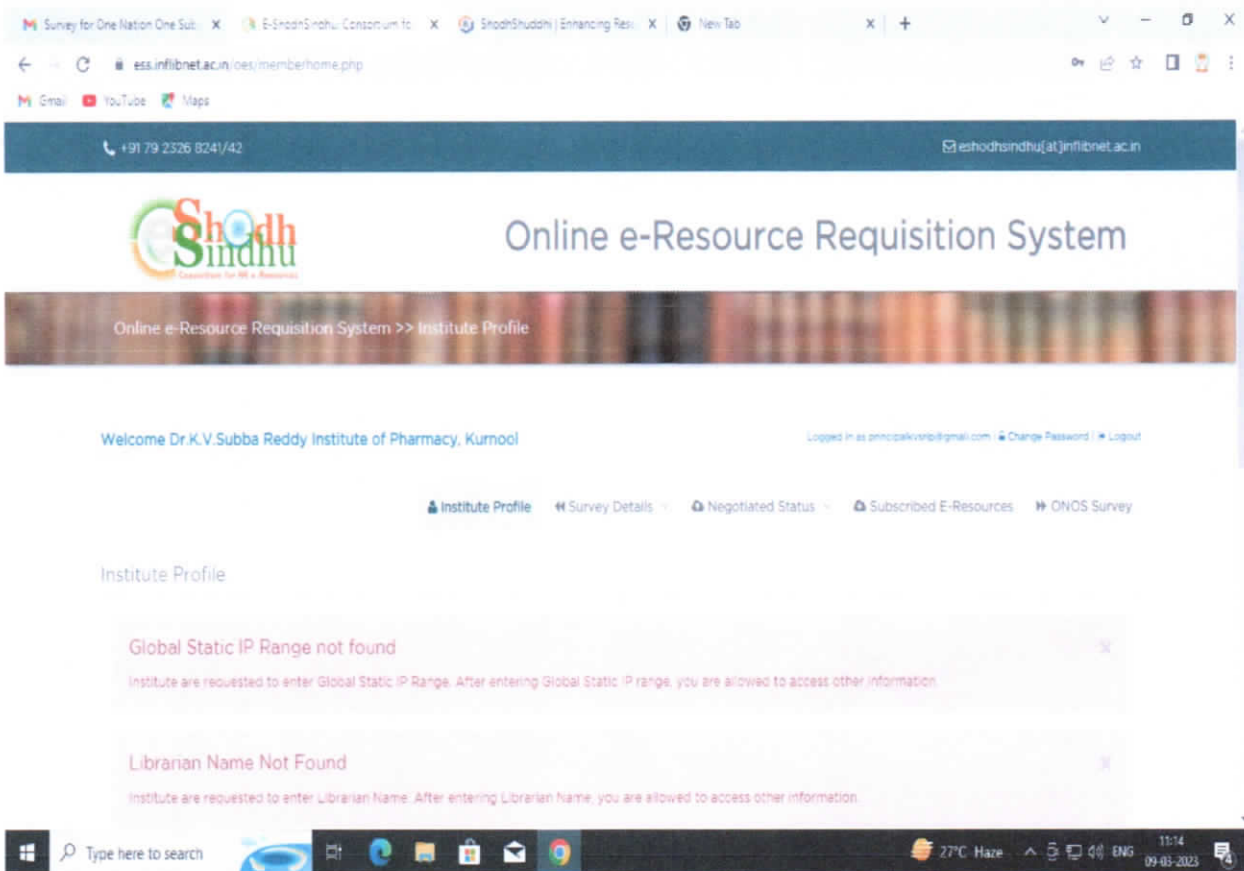


# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*Subramang*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Japanese Journal of Social Pharmacy  
Published by Japanese Society of Social Pharmacy  
174 registered articles (updated on March 09, 2022)  
Online ISSN: 2188-2754  
Print ISSN: 0011-0585  
ISSN-L: 0011-0585

Journal home | All issues | About the journal

2022 Volume 41 Issue 2

Development of a Training Program on the Proper Use of Over-the-Counter Drugs for Pharmacy Pharmacists

Practical Verification of the Usefulness of Cooperation by Sharing Patient

NISPR  
राष्ट्रीय विज्ञान पुस्तकालय  
NATIONAL SCIENCE LIBRARY

Home | About Us | Services | Collections | NISPR | ISSN | Feedback | Contact Us

DISCUSSION ON INDIAN SCHOLARLY JOURNALS

Directory of ISSN assigned Indian Serials - 2018  
Directory of ISSN assigned Indian Serials - 2017  
Directory of ISSN assigned Indian Serials - 2016  
Directory of ISSN assigned Indian Serials - 2015  
NUCSSL Holdings Libraries Contact Details

*S. K. S. R.*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344

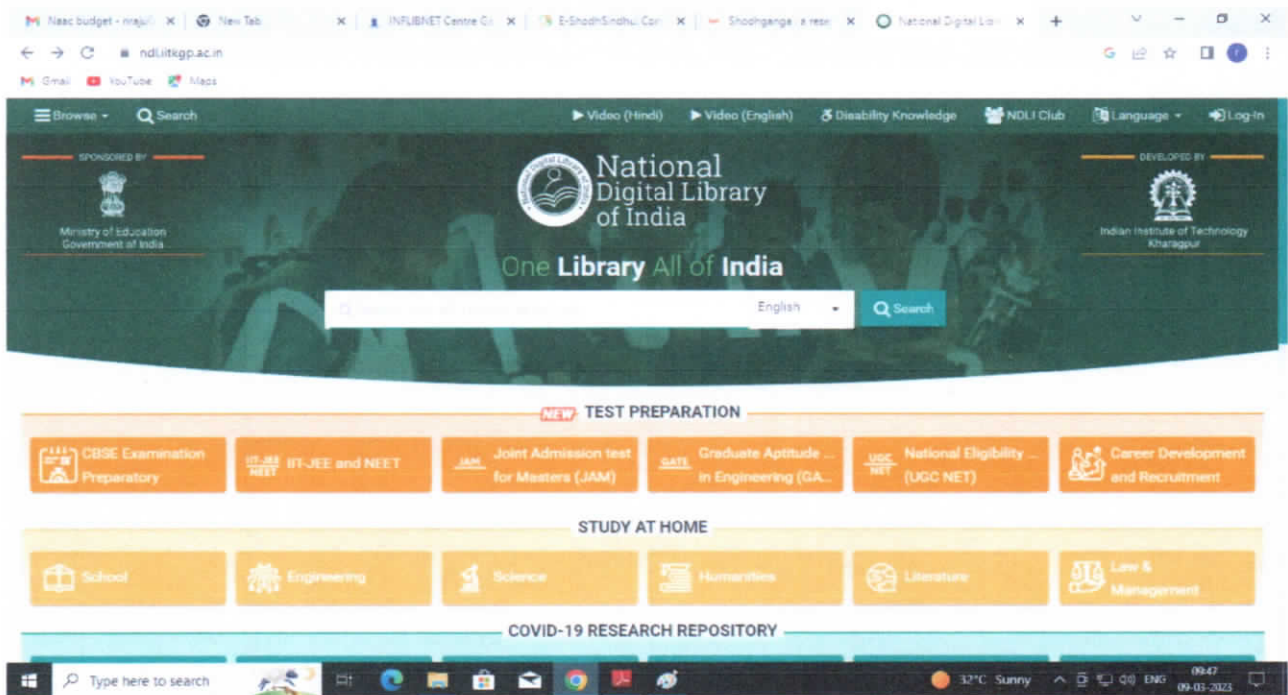


# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*S. Venana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



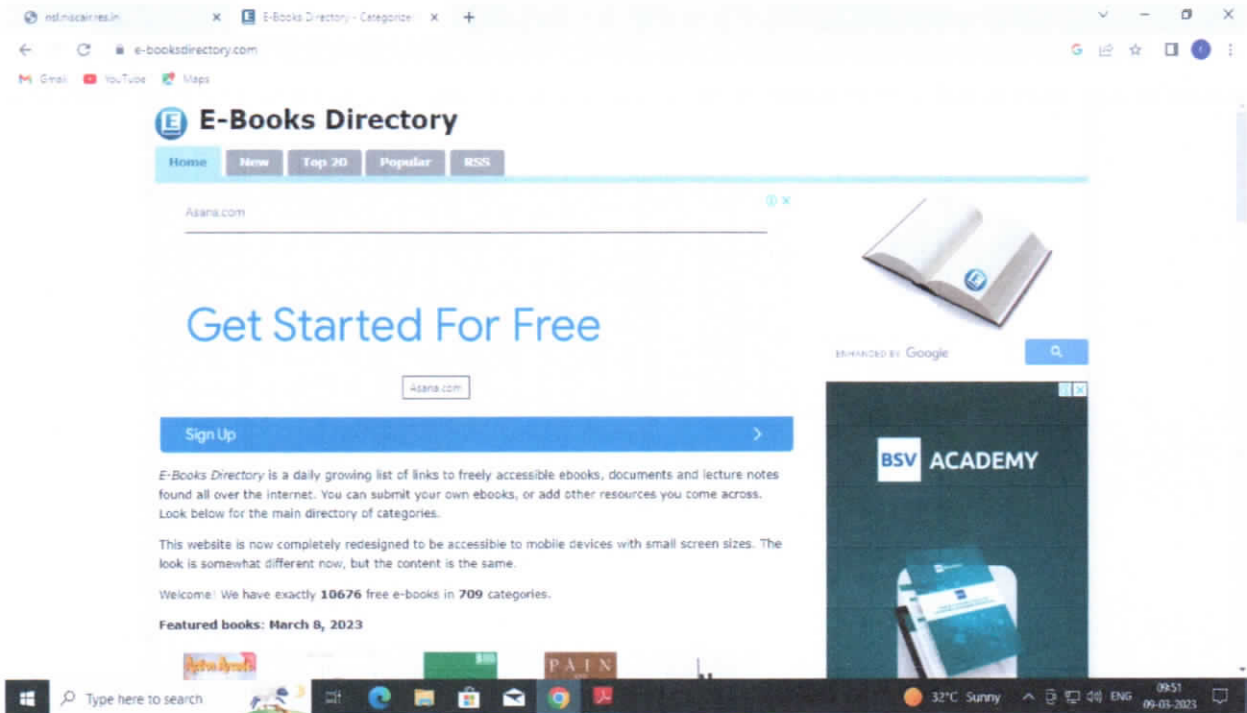
Cell : 9704 333 789  
9177287508  
7660003344

# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*Schemena*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789

9177287508

7660003344



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)

Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.

E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

GPAT 2021- Previous Year Question Paper Discussion with Explanation | Part-I

GPAT DISCUSSION CENTER @ 208K subscribers

1.9K likes, Share, Thanks

Top chat replay

- Siddharth Shankar Nay start fast sir
- Sneat Superstar! we will earn after we win?
- Himanshu Gupta Good evening sir
- SRIRAM YADAV M 19DP026 good evening sir
- Ram good evening sir
- Dix niraj vlog hi
- vikrant chaudhary ram ram sir ji
- Bhumika Patil good evening sir
- Dix niraj vlog gd evening
- Nikhlesh Maruthi 74 Egarly waiting sir
- Ishan Upadhyay
- Krishna Patil good evening Sir...
- YouHub good evening
- Kartik Ramteek Gd evening sir

34°C Sunny 11:52 30-03-2023

*Abhimana*  
**PRINCIPAL**  
 Dr. K.V.S.R. Institute of Pharmacy  
 Opp: Dupadu R.S., N.H.-44,  
 KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344

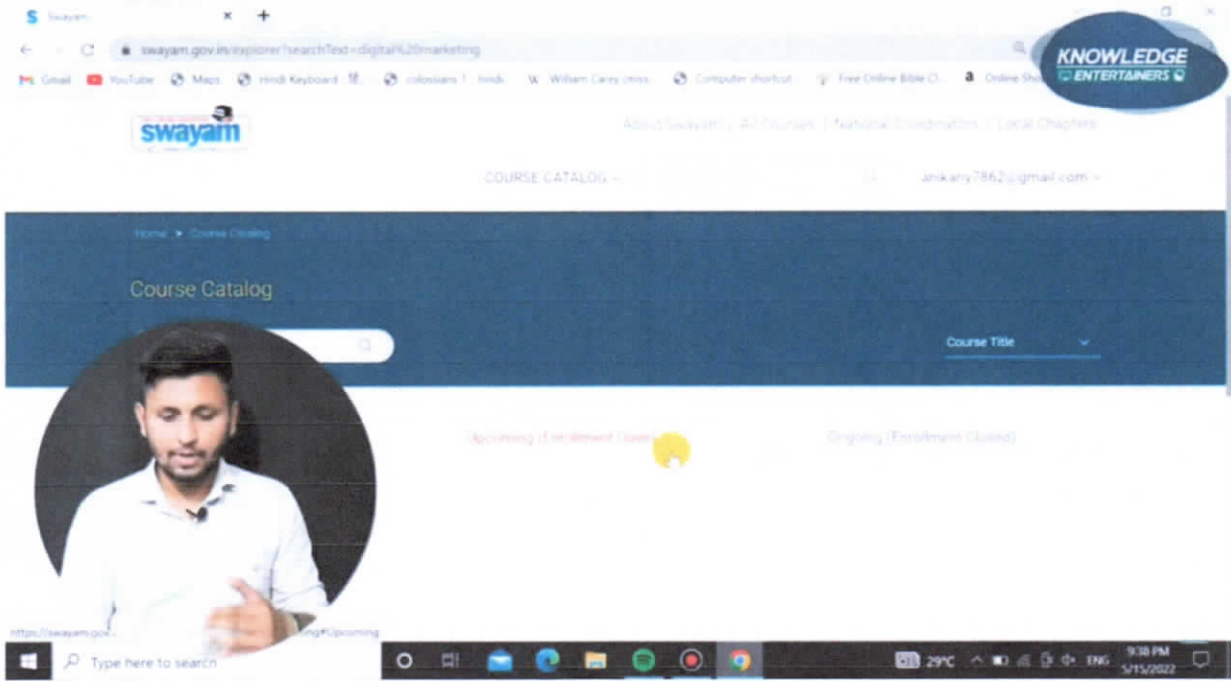


# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*S. Hemanga*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp. Dupadu R.S. N.H. 44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789

9177287508

7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Number of teachers and students using the library per day over last year

Last page of accession register	Method of computing Per day usage of library	No. of users using library through e-access per day	No. of teachers accessing library per day	No. of students accessing library per day	Certified E-copy of the ledger of the data for 5days	Certified screenshots of the data for 5 days for online access
-	Gate register	195	41	355	-	-

Percentage per day usage of library by teachers and students:

Number of students=650

Number of teachers=51

Formula= (Number of teachers and students using the library perday/Total number of teachers and students) X 100

= (591/650) X100

=90.92

*S. Hemana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### WORKSHOP & GUEST LECTURES :

AY @ 2021-22		
1.	One day Webinar on Quality Standards of AYUSH recommended drugs for Covid-19	Dr. M. Kalyan Kumar Raju
2.	One day conference on Research in Ayurvedic Product and Quality assurance and quality control in Phyto-pharmaceuticals.	Dr. Md. Jamal Basha
3.	One day conference on the Role of Artificial Intelligence During Covid-19	Dr. K. Srikanth (NIPER-SAS)
4.	Conference on "Role of stem cells in Pancreatic regeneration and Reversal of Diabetes"	Dr. K. P. Shameem (USA)
5.	Webinar on "Academic ethics and Plagiarism"	Dr. M. Gulshan Kumar
6.	One day conference on Recent Development and Future challenges of Nuclear Science in Health Sector	Dr. S. Banesh (IIT)
7.	One day webinar on Regulatory Affairs and international marketing	Mr. Rahul Singh Gurzar
8.	Workshop on Advances in Biotechnology at BioEra	Mr. K. Kamabagiri Swamy (BIOCON)
9.	A webinar on immunology and immune technology	Mr. S. Siva Kumar (NOVARTIS)
10.	One day conference on biodiversity, climate change & suitable agriculture towards food security	Mr. K. Narender Goel
11.	One day conference on strategies for global competitions & economic growth.	Mr. T. Prashant Kumar
12.	One day Webinar on synthetic and pharmaceutical chemistry	Dr. Md Shameer (Georgia State University)
13.	One day conference on Recent Advances in Health Sciences	Dr. K. Pavan Kumar Raju
14.	One day Conference on Amalgamation of recent Pharmaceutical Developments in ayurveda	Dr. I. Rupesh (Ayurveda-Tirupati)
15.	Conference on the role of pharmacists in the prevention and management of sleep disorders	Dr. Y. Ganesh
16.	One day conference on Harmonization and Global Efforts for Safe and Effective Generic Drugs	Mr. E. Kiran Goud
17.	Workshop on pharmaceutical quality assurance and quality control and quality management	Dr. C. Mallikarjun Rao
18.	One day conference on stress and stress management	Dr. K. Amarnath

  
PRINCIPAL

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44.  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

## PHARMACY SEMINARS :

DR.K.V.SUBBAREDDY INSTITUTE OF PHARMACY,DUPADU,KURNOOL				
Details of Pharmacy Seminars given by B.Pharmacy Students in Academic Year 2019-20				
S.No	Roll No.	Name of the Student	Title	Presentation Date
1	19B.R1R0001	H SUPRIYA BAI	CULICID DISEASE	9/2/2019
2	19B.R1R0002	D SREYA REDDY	CHILD AND ADOLESCENT PSYCHIATRY	9/2/2019
3	19B.R1R0003	G HARISHA	CHRONIC KIDNEY DISEASE	9/2/2019
4	19B.R1R0004	K NAVANEELI	CHRONIC LEUKEMIA	9/2/2019
5	19B.R1R0005	P ABHINAV	COVID	9/2/2019
6	19B.R1R0006	C KIMHONG BAHU	CHRONIC TAIL CASE LR	9/2/2019
7	19B.R1R0007	KUNJHA MANASA	CORNIA AND EXTERNAL DISEASE	9/2/2019
8	19B.R1R0008	GOLLA TARUN KUMAR	CORONAVIRUS (COVID-19)	1/30/2020
9	19B.R1R0009	GOLLA VELLASWAMY	DENTAL AND ORAL HEALTH	1/30/2020
10	19B.R1R0010	GUDIMAMALLA RAVI KUMAR	DEPRESSION	1/30/2020
11	19B.R1R0011	KIRUVA SURESH	DIABETIC MICROVASCULAR COMPLICATIONS	1/30/2020
12	19B.R1R0012	NARRA LAKSHI	DIAGNOSIS	1/30/2020
13	19B.R1R0013	PAJLAJU SANDHYA RANI	ELECTRONIC HEALTH RECORDS	1/30/2020
14	19B.R1R0014	PGHILGINILAKSHMI	EMERGING AND REEMERGING INFECTIOUS DISEASES	1/30/2020
15	19B.R1R0015	A SUNITHA	END-STAGE RENAL DISEASE	6/13/2018
16	17B.R1R0016	BOYA VIDYAVANI	GALLBLADDER AND BILIARY DISEASE	6/13/2018
17	17B.R1R0017	DANDE MADHUSUDHAN	GENOMIC MEDICINE	6/13/2018
18	17B.R1R0018	DASHAVATHI PRAVALIKA	HEADACHE	6/13/2018
19	17B.R1R0019	GOLLA MADHU SHERAR	HEALTH DYSFUNCTION	6/13/2018
20	17B.R1R0020	BOMMAKA BHARGAVA REDDY	ETHICS	6/13/2018
21	17B.R1R0021	GUTTAJI HEMALATHA	HEAD AND NECK CANCER	6/13/2018
22	16B.R1R0022	MALLESAPATI MAHESH	HEALTH DIVERSITY	8/23/2017
23	16B.R1R0023	PADHMAVATI	HEALTH DIVERSITY	8/23/2017
24	16B.R1R0024	BEKKAM PRATHYUSHA	LUNG CANCER	8/23/2017
25	16B.R1R0025	BHILMAGUNTA PRAVEEN KUMAR	LYME DISEASE	8/23/2017
26	16B.R1R0026	GUDIKULA SHAKILASMEEL	OBESITY AND WOMEN'S HEALTH NURSING	8/23/2017
27	16B.R1R0027	SHEELI SHARATH	OBESITY AND WEIGHT MANAGEMENT	8/23/2017
28	16B.R1R0028	VELLAJALI SRILEKHA	PATIENT SAFETY	8/23/2017

Details of Pharmacy Seminars given by Pharm.D Students in Academic Year 2019-20				
S.No	Roll No.	Name of the Student	Title	Presentation Date
1	19B.D1D0001	H ASWINI BAI	INSULIN THERAPY	2/7/2020
2	19B.D1D0002	C SUSHIMA	INTERVENTIVE MEDICINE	2/7/2020
3	19B.D1D0003	G SPOONIKA	INTERVENTIONAL CARDIOLOGY & SURGERY	2/7/2020
4	19B.D1D0004	K SAI CHAITANYA	RENAL CELL CARCINOMA	2/7/2020
5	19B.D1D0005	V VAMSI KRISHNA	REPRODUCTIVE ENDOCRINOLOGY	2/7/2020
6	19B.D1D0006	H VENKATESH	RESPIRATORY	2/7/2020
7	19B.D1D0007	H SURESH	RESTLESS LEGS SYNDROME	2/7/2020
8	19B.D1D0008	GANJA DEEPA K. BHITHIA	RHEUMATOID ARTHRITIS	4/11/2019

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S., N.H-44  
KURNOOL-518218 (A.P.)

9	19B.D1D0009	LAKA LAVYA SUDU	SCHIZOPHRENIA	4/11/2019
10	19B.D1D0010	MR. NAAGALAKSHMI PRASANNA	PELVIC ORBITAL DYS	4/11/2019
11	19B.D1D0011	MR. RAJESH K. JANA DODA	ROGERS LYMPHOMA	4/11/2019
12	19B.D1D0012	SUNIL YASHASWATI	PELVIC OPHTHALMOLOGY	4/11/2019
13	19B.D1D0013	CHANDRI P. SUDHITA	URINARY DYSFUNCTION & DDAH	4/11/2019
14	19B.D1D0014	KANAKHANI K. L. DEVI	MICROBIAL VIROLOGY	4/11/2019
15	19B.D1D0015	MAHA SHEELI	MEDICAL ETHICS	6/24/2019
16	19B.D1D0016	V. VAMSI KRISHNA	MEDICAL PRACTICE AND LEGAL ISSUES	6/24/2019
17	19B.D1D0017	K. V. S. KRISHNA	MEDICAL PRACTICE MANAGEMENT	6/24/2019
18	19B.D1D0018	AMBATHI PAVITHRA	SLEEP DISORDERS	6/24/2019
19	19B.D1D0019	P. V. S. S. S. S.	SOCIAL DETERMINANTS OF HEALTH	6/24/2019
20	19B.D1D0020	P. V. S. S. S. S.	SPINAL DISORDERS	6/24/2019
21	19B.D1D0021	R. V. S. S. S. S.	PEPTIC ULCER DISEASE	6/24/2019
22	19B.D1D0022	P. V. S. S. S. S.	PERIPHERAL NEUROLOGY	11/2/2019
23	19B.D1D0023	C. H. S. S. S. S.	PERIPHERAL NEUROLOGY	11/2/2019
24	19B.D1D0024	A. S. S. S. S. S.	PERIPHERAL NEUROLOGY	11/2/2019
25	19B.D1D0025	P. P. S. S. S. S.	MINIMALLY INVASIVE GASTROINTESTINAL SURGERY (MIGS)	11/2/2019
26	19B.D1D0026	S. S. S. S. S. S.	MODERATE TO SEVERE ASTHMA	11/2/2019
27	19B.D1D0027	N. S. S. S. S. S.	POST OPERATIVE	11/2/2019
28	19B.D1D0028	B. S. S. S. S. S.	KIDNEY & PANCREAS TRANSPLANT	11/2/2019

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S., N.H-44  
KURNOOL-518218 (A.P.)

*Shanmuga*

PRINCIPAL  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S., N.H-44  
KURNOOL-518218 (A.P.)





## Dr. K. V. SUBBA REDDY INSTITUTE OF PHARMACY

(Approved by AICTE & PCI New Delhi, Permanent Affiliated to JNTU Anantapur, Anantapuramu,  
MoU with Government General Hospital, KMC, Kurnool)

Opp: Dupadu RS, N.H-44, Lakshmipuram (Post), Kurnool-518218

E-mail: [principalkvsrip@gmail.com](mailto:principalkvsrip@gmail.com)

Cell: +919440282181, +919704333789

Fax: 08518-287618

DEPARTMENT OF PHARMACY (2021-2022) \_\_\_\_\_

### CIRCULAR

DATE : 24/03/2021

All the faculty and students here by informed that the Group Discussion Program will be conducted for B pharmacy & Pharm.D students on the 26<sup>th</sup> March 2021 as per the following schedule. All the faculty & students are instructed to note the same and attend the program as per the schedule.

Copy to faculty members

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)  
PRINCIPAL

*Srinivasa*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)

*[Handwritten signatures and initials of faculty members]*

Cell : 9704 333 789

9177287508

7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)

Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.

E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in



Principal / Correspondent

Date : .....

### Group Discussion Session

AY: 2021-2022

Group Discussions help to check students 'interactive skills and how effective they are in communicating with people. The GD is to check how one behave, participate and contribute in a group, how much importance do you give to the group objective as well as your own, how well do you listen to viewpoints of others and how open-minded are you in accepting views contrary to your own. The aspects which make up a GD are verbal communication, non-verbal behavior, and conformation to norms, decision-making ability and cooperation. The following skills are required in GD

- ◆ Communication Skills
- ◆ Interpersonal Skills
- ◆ Leadership Skills
- ◆ Motivational Skills
- ◆ Team Building Skills
- ◆ Tolerance
- ◆ Clarity over Ambiguity
- ◆ Divergent Thinking
- ◆ Listening skills
- ◆ Presentation Skills
- ◆ Analytical / Logical skills

*Silamane*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Topic:

### **Animals should not be used in medical research :**

Imprecise results from animal experiments may result in clinical trials of biologically faulty or even harmful substances, thereby exposing patients to unnecessary risk and wasting scarce research resources. Animal toxicity studies are poor predictors of toxic effects of drugs in humans.

Animals should not be used for biomedical research because the experiments are cruel and inhumane. Although animal testing brings more medical advancement and less human-based experiments, it is an expensive way of researching that produce imprecise outputs and at the same time is a practice of animal cruelty.



*Sitemana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Using Animals for Testing: Pros Versus Cons

- Improves human health: ...
- Helps ensure safety of drugs: ...
- Alternative methods of testing do not simulate humans in the same way. ...
- Some substances tested, may never be used for anything useful: ...
- It is very expensive: ...
- Animals and humans are never exactly the same.



Disadvantages:

- Animal experiments are time-consuming and expensive.
- Animal experiments don't accurately mimic how the human body and human diseases respond to drugs, chemicals or treatments.

Animals are very different from humans and, therefore, react differently Batch of 21 B. Pharm students attended the session conducted on 26/03/21

*S. Sumantra*  
PRINCIPAL

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)



**Dr. K. V. SUBBA REDDY INSTITUTE OF PHARMACY**  
(Approved by AICTE & PCI New Delhi, Permanent Affiliated to JNTU Anantapur, Anantapuramu,  
MoU with Government General Hospital, KMC, Kurnool)  
Opp: Dupadu RS, N.H-44, Lakshmipuram (Post), Kurnool-518218  
E-mail: [principalkvsrip@gmail.com](mailto:principalkvsrip@gmail.com)  
Cell: +919440282181, +919704333789 Fax: 08518-287618

**DEPARTMENT OF PHARMACY (2021-2022)**

**CIRCULAR**

DATE : 22/04/2021

All the faculty and students here by informed that the Debate Program will be conducted for B pharmacy & Pharm.D students on the 24/04/2021 as per the following schedule. All the faculty & students are instructed to note the same and attend the program as per the schedule.

Copy to faculty members

*[Handwritten signatures and initials of faculty members]*

**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)

*[Handwritten signature]*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44.  
KURNOOL-518218 (A P)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Debate

AY : 2021-2022

Debate is a process that involves formal discourse on a particular topic, often including a moderator and audience. In a debate, arguments are put forward for common opposing viewpoints. Debates have historically occurred in public meetings, academic institutions, debate halls, coffee houses, competitions, and legislative assemblies. Debates has also been conducted for educational and recreational purposes, usually associated with educational establishments and debating societies.

1. Develop excellent oral and written communication skills.
2. Develop excellent critical thinking skills.
3. Develop effective tools for research, organization and presentation.
4. Develop strategies to overcome fears of public speaking.
5. Discover the confidence and desire to participate in all academic classes.

#### Benefits :

- Confidence - Belief in themselves and their abilities, and the desire to participate in all classes.
- Curiosity - The passion of discovery through effective tools for research, organization and presentation.
- Critical Thinking - How to explore the world through the lens of an inquisitive mind.
- Communication – Oral & written skills and strategies for lively yet respectful discussions & disagreements.
- Control – Eliminate the fears of public speaking.
- Creativity – The desire to explore, create and invent.
- Camaraderie – Meet like-minded peers at tournaments and build healthy bonds of competition.
- Leadership – Self-motivation and the ability to delegate assignments and manage peers.

Debates teaches individuals the importance of being prepared to listen. First, it trains people in the mental preparation of listening – having a listening plan. During a debate you listen for specific things, points you want to answer, weakness in logic, supporting material and key points.

#### Summary

Using debates in the classroom provides students the opportunity to explore real-world topics and issues. Debates also engage students through self reflection and encourage them to learn from their peers

*S. Suman*  
PRINCIPAL  
Dr. K.V.S.R Institute of Pharmacy  
Opp: Dupadu R.S., N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

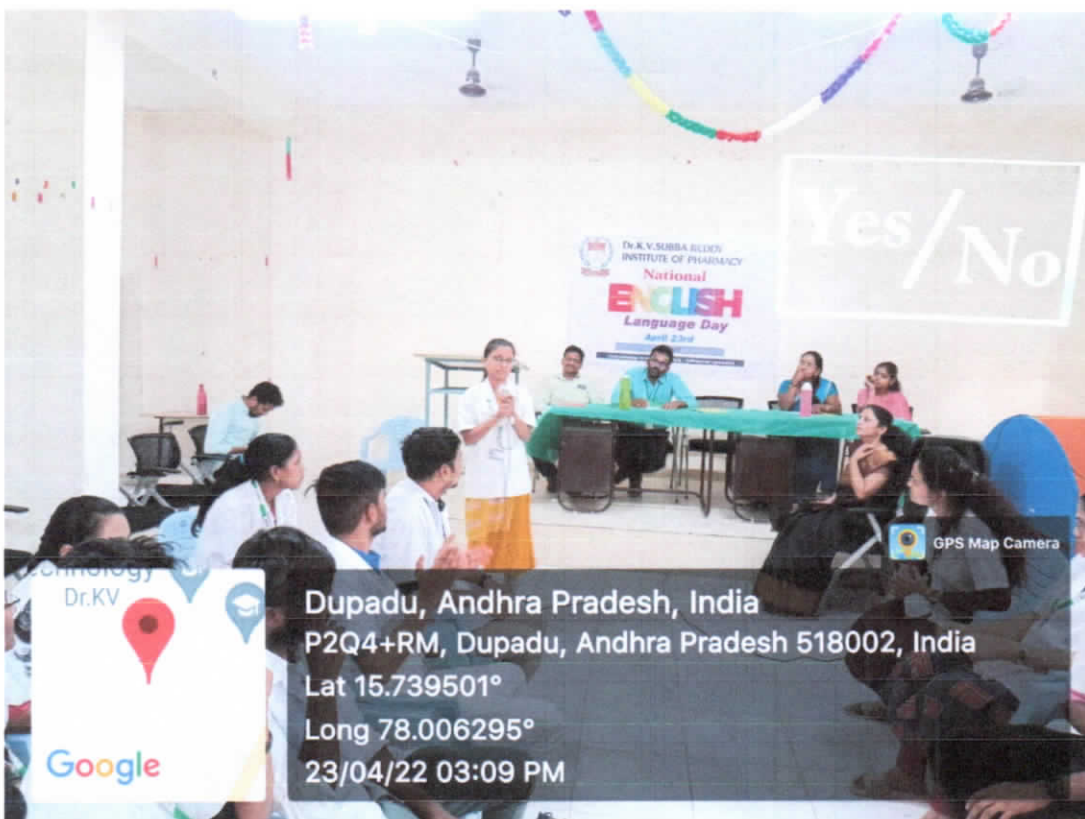
Principal / Correspondent

Date : .....

### Topic:

#### Are books better than television?

All the research says reading a book is good for you. Better even than listening to an audiobook or reading one on an e-reader. It reduces stress, promotes comprehension and imagination, alleviates depression, helps you sleep and may contribute to preventing Alzheimer's. Reading is active; watching TV is passive.



Reading has a positive effect on our mental health, while watching TV has the exact opposite effect. Reading can reduce stress, lower our blood pressure, our heart rate and muscle tension. On top of the knowledge boost reading provides us with, it also has a healing effect on our mental state.

*Subramana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Date:11/10/2021

DEPARTMENT OF PHARMACY (2021-2022)

### CIRCULAR

All the I year B.Pharmacy faculty and students here by informed that the bridge course will be conducted for I year B.Pharmacy & Pharm.D students on 13/10/2021 to 17/10/2021 as per the following schedule. All the faculty & students are instructed to note the same and attend the classes as per the schedule.

S.NO	DATES	TIME	SUBJECT	FACULTY
1	13/10/2021 TO 17/10/2021	9-10AM	PHARMACEUTICAL CHEMISTRY	R. MOHANA PRIYA
2	13/10/2021 TO 17/10/2021	10-11AM	PHARMACEUTICAL ANALYSIS	K.SARA SIRISHA
3	13/10/2021 TO 17/10/2021	11-12AM	MATHEMATICS/BIOLOGY	V.ANU RADHA
4	13/10/2021 TO 17/10/2021	2-3PM	COMMUNICATION SKILLS	S.SREE LEKHA

COPY TO FACULTY MEMBERS

*Prings*  
*[Signature]*  
*[Signature]*

*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)





Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent


Date : .....

### PHARMACEUTICAL CHEMISTRY:

S.NO	TOPIC NAME	NO.OF HOURS
1	Introduction to pharmaceutical chemistry	2
2	Basics of chemistry	2
3	General preparations and methods of compounds	2
4	methods of radio pharmaceuticals preparations	2
5	Basic tests for purity of compounds	2
	TOTAL	10

### PHARMACEUTICAL ANALYSIS:

S.NO	TOPIC NAME	NO.OF HOURS
1	Basic concepts of analysis	2
2	Basic theories of titration methods	2
3	Different preparations and methods of standardization	
4	Concepts of oxidation & reduction	2
5	Methods of electro chemical methods of analysis	2
	TOTAL	10

  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
PRINCIPAL Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### MATHEMATICS:

S.NO	TOPIC NAME	NO.OF HOURS
1	Theory and their application in pharmacy	2
2	Solving different types of problems by applying theory	2
3	Basic introduction of Logarithms	
4	Basic introduction of Matrices and Determinant	2
5	Applications in solving chemical kinetics and pharmacokinetic equations	2
	TOTAL	10

### COMMUNICATION SKILLS:

S.NO	TOPIC NAME	NO.OF HOURS
1	Learning Basic communication skills	2
2	basic learning of listening skills	2
3	Basic under standing of writing skills	
4	Learning of presentation skills	2
5	Learning of interview skills	2
	TOTAL	10

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

**JR.K.V.SIBBARIDDY INSTITUTE OF PHARMACY DUDUPADU, KURNOOL**

**BRIDGE COURSE ATTENDANCE B.PHARMACY I YEAR (21-22)**

S.NO	NAME OF THE STUDENT	13/10/2021	14/10/2021	15/10/2021	16/10/2021
1	ASATH KANARI	✓	✓	✓	✓
2	PANDI LAKSHMI	✓	✓	✓	✓
3	DELLAM RAVYA SREE	✓	✓	✓	✓
4	BOVA MANASA	✓	✓	✓	✓
5	CHITREBA CHAITRANI	✓	✓	✓	✓
6	DUDUKULA RESHMA	✓	✓	✓	✓
7	IRUKALA ANUSHA	✓	✓	✓	✓
8	GADDIMOHU PADMA	✓	✓	✓	✓
9	GOWLI SAI PRIVA	✓	✓	✓	✓
10	JALASARI DIVYA DEVI	✓	✓	✓	✓
11	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
12	KARRE POOJITHI	✓	✓	✓	✓
13	KORUVA ANILU	✓	✓	✓	✓
14	KORUVA MADHURI	✓	✓	✓	✓
15	KOTALAPATI KALYANI	✓	✓	✓	✓
16	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
17	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
18	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
19	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
20	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
21	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
22	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
23	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
24	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
25	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
26	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
27	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
28	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
29	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
30	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
31	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓
32	KANDURU SHAYANA LAKSHMI	✓	✓	✓	✓









Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Date:20/10/2021

### DEPARTMENT OF PHARMACY (2021-2022)

#### CIRCULAR

All the II year B.Pharmacy faculty and students here by informed that the bridge course will be conducted for II year B.Pharmacy later entry students on 13/10/2021 to 17/10/2021 as per the following schedule. All the faculty & students are instructed to note the same and attend the classes as per the schedule

S.NO	DATES	TIME	SUBJECT	FACULTY
1	13/10/2021 TO 17/10/2021	9-10AM	PHARMACEUTICAL CHEMISTRY	Dr. K. CHANDRA SEKHAR
2	13/10/2021 TO 17/10/2021	10-11	COMPUTER APPLICATIONS	S PAVAN KUMAR

COPY TO FACULTY MEMBERS

*[Handwritten signature]*

*[Handwritten signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*[Handwritten signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent


Date : .....

### PHARMACEUTICAL CHEMISTRY :

S.NO	TOPIC NAME	NO.OF HOURS
1	Introduction to pharmaceutical chemistry	2
2	Basics of chemistry	2
3	General preparations and methods of compounds	2
4	methods of radio pharmaceuticals preparations	2
5	Basic tests for purity of compounds	2
	TOTAL	10

### COMPUTER APPLICATIONS:

S.NO	TOPIC NAME	NO.OF HOURS
1	Types of applications of computers in pharmacy	2
2	Concepts of information system and softwares used in pharmacy	2
3	Web technologies (HTML,XML,CSS,MS ACCESS)	2
4	Objectives of Bio informatics	2
5	Data analysis in pre clinical development	2
	TOTAL	10

  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



DR.K.V.SUBBAREDDY INSTITUTE OF PHARMACY,DUPADU,

KURNOOL,(AY:21-22)

PHARMACEUTICAL CHEMISTRY:

S.NO	NAME OF THE STUDENT	13/10/21	14/10/21	15/10/21	16/10/21
21ER5R0001	J.DEEPTHI	✓	✓	✓	✓
21ER5R0002	V.SAI TARUN KUMAR	✓	✓	✓	✓
21ER5R0003	S.SUMANTH	✓	✓	✓	✓
21ER5R0004	B.MOHAMMED THOWSIF	✓	✓	✓	✓
21ER5R0005	S.MUBEENA BHANU	✓	✓	✓	✓
21ER5R0006	B.NIKIL	✓	✓	✓	✓
Faculty sign		<i>CS</i>	<i>CS</i>	<i>CS</i>	<i>CS</i>

COMPUTER APPLICATIONS

S.NO	NAME OF THE STUDENT	13/10/21	14/10/21	15/10/21	16/10/21
21ER5R0001	J.DEEPTHI	✓	✓	✓	✓
21ER5R0002	V.SAI TARUN KUMAR	✓	✓	✓	✓
21ER5R0003	S.SUMANTH	✓	✓	✓	✓
21ER5R0004	B.MOHAMMED THOWSIF	✓	✓	✓	✓
21ER5R0005	S.MUBEENA BHANU	✓	✓	✓	✓
21ER5R0006	B.NIKIL	✓	✓	✓	✓
Faculty sign		<i>CS</i>	<i>CS</i>	<i>CS</i>	<i>CS</i>

PRINCIPAL

*Subramane*  
PRINCIPAL

Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### DEPARTMENT OF B.PHARMACY

### CIRCULAR

Date: 18/09/2021

All the students of II, III & IV B.Pharmacy I semester & Pharm.D who have Secured Less than 50% in I Mid Examinations are hereby informed to attend the Remedial Classes from 5:00PM to 6:00PM during 20.09.2021 to 25.10.2021 I request all the students to utilize this opportunity to improve your percentage.

COPY TO FACULTY MEMBERS

*[Handwritten signatures and initials of faculty members]*

*[Handwritten signature]*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*[Handwritten signature]*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B. Pharmacy

Following are the students from B.Pharmacy II, III & IV years I semester who need to attend remedial classes without fail.

II Year I Sem				
20ER1R0009	20ER1R0029	20ER1R0036	20ER1R0039	20ER1R0056
20ER1R0057	20ER1R0089	20ER1R0093	20ER1R0097	20ER1R00A6

III Year I Sem				
19ER1R0008	19ER1R0014	19ER1R0020	19ER1R0021	19ER1R0022
19ER1R0036	19ER1R0039	19ER1R0049	19ER1R0060	19ER1R0070

IV Year I Sem				
18ER1R0001	18ER1R0008	18ER1R0013	18ER1R0015	18ER1R0017
18ER1R0018	18ER1R0034			

*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S., N.H.-44,  
KURNOOL-518218 (A.P.)  
*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B. Pharmacy

#### Timetable for Remedial Classes

Year & Sem: II - I

Academic Year: 2021-2022

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	R.MOHANA PRIYA	ORGANIC CHEMISTRY	Room No.106	
Tuesday	5:00PM - 6:00PM	B.V.RAMANA	PHYSICAL PHARMACY	Room No.107	

Year & Sem: III - I

Academic Year: 2021-2022

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	K.CHANDRASE KHAR	MEDICINAL CHEMISTRY	Room No.110	
Tuesday	5:00PM - 6:00PM	S.RAJESH RAJA	PHARMACOLOGY	Room No.111	

Year & Sem: IV - I

Academic Year: 2021-2022

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	J.GOPALA KRISHNA	INSTRUMENTAL METHODS OF ANALYSIS	Room No.208	
Tuesday	5:00PM - 6:00PM	S.K.RUBINA	NDDS	Room No.210	

PRINCIPAL

Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S., N.H-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B .Pharmacy

#### Attendance for Remedial Classes

Course Name: ORGANIC CHEMISTRY

Year: II - I

Course Faculty: R.MOHANA PRIYA

A.Y: 2021-2022

S. No.	Roll No.	20-09-2021	27-09-2021	04-10-2021	11-10-2021	18-10-2021	25-10-2021
1	20ER1R0009	✓	✗	✓	✓	✓	✓
2	20ER1R0029	✗	✓	✓	✓	✓	✓
3	20ER1R0036	✓	✓	✓	✓	✓	✓
4	20ER1R0039	✗	✓	✓	✓	✓	✓
5	20ER1R0056	✓	✓	✓	✓	✗	✓
6	20ER1R0057	✓	✓	✓	✗	✓	✓
7	20ER1R0089	✓	✗	✓	✓	✓	✓
8	20ER1R0093	✓	✓	✓	✓	✗	✓
9	20ER1R0097	✓	✓	✓	✓	✓	✗
10	20ER1R00A6	✗	✓	✓	✓	✓	✓
Faculty Sign		<i>Priya</i>	<i>Priya</i>	<i>Priya</i>	<i>Priya</i>	<i>Priya</i>	<i>Priya</i>

*Priya*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)  
*Mohana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B. Pharmacy

#### Attendance for Remedial Classes

Course Name: PHYSICAL PHARMACY

Year: II - I

Course Faculty: DR.B.V.RAMANA

A.Y: 2021-2022

S. No.	Roll No.	21-09-2021	28-09-2021	05-10-2021	12-10-2021	19-10-2021	26-10-2021
1	20ER1R0009	✓	✓	X	✓	✓	✓
2	20ER1R0029	X	✓	✓	✓	✓	✓
3	20ER1R0036	✓	✓	✓	✓	✓	✓
4	20ER1R0039	✓	X	✓	✓	✓	✓
5	20ER1R0056	✓	✓	X	✓	✓	✓
6	20ER1R0057	✓	✓	✓	✓	✓	✓
7	20ER1R0089	X	✓	✓	✓	✓	✓
8	20ER1R0093	✓	X	✓	✓	✓	✓
9	20ER1R0097	✓	✓	X	✓	✓	✓
10	20ER1R00A6	X	✓	✓	✓	✓	✓
Faculty Sign		<i>RAM</i>	<i>RAM</i>	<i>RAM</i>	<i>RAM</i>	<i>RAM</i>	<i>RAM</i>

*RAM*  
Dr. K.V.S. PRINCIPAL Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell: 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B. Pharmacy

#### Attendance for Remedial Classes

Course Name: MEDICINAL CHEMISTRY

Year: III-I

Course Faculty: DR.K.CHANDRA SEKHAR

A.Y: 2021-2022

S. No.	Roll No.	20-09-2021	27-09-2021	04-10-2021	11-10-2021	18-10-2021	25-10-2021
1	19ER1R0008	✓	✓	✓	✓	✓	✓
2	19ER1R0014	✓	✓	✓	✓	✓	✓
3	19ER1R0020	✓	X	✓	✓	✓	✓
4	19ER1R0021	✓	✓	✓	X	✓	✓
5	19ER1R0022	X	✓	✓	✓	✓	✓
6	19ER1R0036	✓	✓	✓	✓	✓	✓
7	19ER1R0039	✓	X	✓	✓	✓	✓
8	19ER1R0049	✓	✓	✓	X	✓	✓
9	19ER1R0060	X	✓	✓	✓	✓	✓
10	19ER1R0070	✓	X	✓	✓	✓	✓
Faculty Sign		✓	✓	✓	✓	✓	✓

Principal  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Principal  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy Attendance for Remedial Classes

Course Name: PHARMACOLOGY -I Year: III-I

Course Faculty: S.RAJESH RAJA A.Y: 2021-2022

S. No.	Roll No.	21-09-2021	28-09-2021	05-10-2021	12-10-2021	19-10-2021	26-10-2021
1	19ER1R0008	✓	✓	✓	✓	✓	✓
2	19ER1R0014	✓	✗	✓	✓	✓	✓
3	19ER1R0020	✗	✓	✓	✓	✓	✓
4	19ER1R0021	✓	✓	✗	✓	✓	✓
5	19ER1R0022	✓	✓	✗	✓	✓	✓
6	19ER1R0036	✓	✗	✓	✓	✓	✓
7	19ER1R0039	✓	✓	✓	✗	✓	✓
8	19ER1R0049	✓	✓	✗	✓	✓	✓
9	19ER1R0060	✓	✗	✓	✓	✓	✓
10	19ER1R0070	✓	✓	✓	✗	✓	✓
Faculty Sign		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)





Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Attendance for Remedial Classes

Course Name: INSTRUMENTATION METHODS OF ANALYSIS

Year: IV-I

Course Faculty: J.GOPALA KRISHNA

A.Y: 2021-2022

S. No.	Roll No.	20-09-2021	27-09-2021	04-10-2021	11-10-2021	18-10-2021	25-10-2021
1	18ER1R0001	✓	✓	✓	✓	✓	✓
2	18ER1R0008	✓	✗	✓	✓	✓	✓
3	18ER1R0013	✓	✓	✓	✗	✓	✓
4	18ER1R0015	✓	✗	✓	✓	✓	✓
5	18ER1R0017	✓	✗	✓	✓	✓	✓
6	18ER1R0018	✗	✓	✓	✓	✓	✓
7	18ER1R0034	✓	✓	✗	✓	✓	✓
Faculty Sign		<i>J. Gopala Krishna</i>	<i>J. Gopala Krishna</i>	<i>J. Gopala Krishna</i>	<i>J. Gopala Krishna</i>	<i>J. Gopala Krishna</i>	<i>J. Gopala Krishna</i>

*J. Gopala Krishna*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*J. Gopala Krishna*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Attendance for Remedial Classes

Course Name: NDDS

Year: IV-I

Course Faculty: S.K.RUBINA

A.Y: 2021-2022

S. No.	Roll No.	21-09-2021	28-09-2021	05-10-2021	12-10-2021	19-10-2021	26-10-2021
1	18ER1R0001	✓	✓	✓	✓	✓	✓
2	18ER1R0008	X	✓	✓	✓	✓	✓
3	18ER1R0013	✓	✓	✓	X	✓	✓
4	18ER1R0015	✓	✓	✓	✓	✓	✓
5	18ER1R0017	✓	✓	✓	✓	✓	✓
6	18ER1R0018	X	✓	✓	✓	✓	✓
7	18ER1R0034	✓	✓	✓	✓	✓	✓
Faculty Sign							

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharm.D

Following are the students from PHARM.D II, III & IV years who need to attend remedial classes without fail.

II Year					
20ER1T0002	20ER1T0005	20ER1T0016	20ER1T0017	20ER1T0020	20ER1T0028

III Year					
19ER1T0005	19ER1T00015	19ER1T00018	19ER1T0021	19ER1T0024	19ER1T0025
19ER1T0027	19ER1T0029				

IV Year					
18ER 1T0003	18ER 1T0014	18ER 1T0019	18ER 1T0027		

**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*Subbamma*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date: .....

### Department of Pharm.D

#### Timetable for Remedial Classes

Year & Sem: II

Academic Year: 2021-2022

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	DR. M. SPURTHI MYTHRA	PT-I	Room No.106	
Tuesday	5:00PM - 6:00PM	DR.S.RAJESH RAJA	P.COL-I	Room No.107	

Year & Sem: III

Academic Year: 2020-21

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	DR.S. KUSUMA KUMARI	PT-II	Room No.110	
Tuesday	5:00PM - 6:00PM	DR.K. CHANDRASEKHAR	MC	Room No.111	

Year & Sem: IV

Academic Year: 2020-21

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	SURESH BABU	Biostatistics & Research Methodology	Room No.208	
Tuesday	5:00PM - 6:00PM	B.ARUNA	CT	Room No.210	

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)  
  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharm.D

#### Attendance for Remedial Classes

Course Name: PT-I

Year: II

Course Faculty: DR. M. SPURTHI MYTHRA

A.Y: 2021-2022

S. No.	Roll No.	20-09-2021	27-09-2021	04-10-2021	11-10-2021	18-10-2021	25-10-2021
1	20ER1T0002	✓	✓	✓	✗	✓	✓
2	20ER1T0005	✓	✓	✗	✓	✓	✓
3	20ER1T0016	✗	✓	✓	✓	✓	✓
4	20ER1T0017	✗	✓	✓	✓	✓	✓
5	20ER1T0020	✓	✓	✗	✓	✓	✓
6	20ER1T0028	✓	✓	✗	✓	✓	✓
Faculty Sign							

PRINCIPAL  
Dr. K.V.S. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuram, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharm.D

#### Attendance for Remedial Classes

Course Name: PHARMACOLOGY-I

Year: II

Course Faculty: DR.S.RAJESH RAJA

A.Y: 2021-2022

S. No.	Roll No.	21-09-2021	28-09-2021	05-10-2021	12-10-2021	19-10-2021	26-10-2021
1	20ER1T0002	✓	✓	✓	✓	✓	✓
2	20ER1T0005	x	✓	✓	✓	✓	✓
3	20ER1T0016	✓	✓	✓	✓	✓	x
4	20ER1T0017	✓	✓	✓	✓	✓	✓
5	20ER1T0020	✓	✓	✓	✓	✓	✓
6	20ER1T0028	✓	✓	✓	✓	✓	✓
Faculty Sign							

  
PRINCIPAL

Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

  
PRINCIPAL

Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharm.D

#### Attendance for Remedial Classes

Course Name: PT -II


Year: III

Course Faculty: DR.S. KUSUMA KUMARI

A.Y: 2021-2022

S. No.	Roll No.	20-09-2021	27-09-2021	04-10-2021	11-10-2021	18-10-2021	25-10-2021
1	19ER1T0005	✓	✓	✓	✓	✓	✗
2	19ER1T0024	✗	✓	✓	✓	✓	✓
3	19ER1T0025	✓	✗	✓	✓	✓	✓
4	19ER1T0015	✓	✓	✓	✓	✓	✓
5	19ER1T0018	✓	✓	✓	✓	✓	✓
6	19ER1T0021	✓	✓	✓	✓	✓	✓
7	19ER1T0027	✗	✓	✓	✓	✓	✓
8	19ER1T0029	✗	✓	✓	✓	✓	✓
Faculty Sign		✗	✗	✗	✗	✗	✗

  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharm.D

#### Attendance for Remedial Classes

Course Name: MEDICINAL CHEMISTRY

Year: III

Course Faculty: DR.K.CHANDRASEKHAR

A.Y: 2021-2022

S. No.	Roll No.	21-09-2021	28-09-2021	05-10-2021	12-10-2021	19-10-2021	26-10-2021
1	19ER1T0005	✓	X	✓	✓	✓	✓
2	19ER1T0024	X	✓	✓	✓	✓	✓
3	19ER1T0025	✓	✓	X	✓	✓	✓
4	19ER1T0015	✓	✓	✓	✓	X	✓
5	19ER1T0018	✓	✓	✓	✓	✓	✓
6	19ER1T0021	X	✓	X	✓	✓	✓
7	19ER1T0027	✓	✓	X	✓	✓	✓
8	19ER1T0029	✓	✓	✓	✓	✓	✓
Faculty Sign		<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: PRINCIPAL N.H.-44,  
KURNOOL-518218 (A.P.)

*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)





Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharm.D

#### Attendance for Remedial Classes


Course Name: BIostatistics & Research Methodology Year: IV

Course Faculty: SURESH BABU

A.Y: 2021-2022

S. No.	Roll No.	20-09-2021	27-09-2021	04-10-2021	11-10-2021	18-10-2021	25-10-2021
1	18ER 1T0003	✓	✓	X	✓	✓	✓
2	18ER 1T0014	✓	X		✓	✓	✓
3	18ER 1T0019	✓	✓	✓	X	✓	✓
4	18ER 1T0027	X	✓	✓	✓	✓	✓
Faculty Sign		SB	SB	SB	SB	SB	SB

  
PRINCIPAL  
Dr. K.V. Subba Reddy Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharm.D

#### Attendance for Remedial Classes

Course Name: BIOSTATISTICS & RESEARCH METHODOLOGY Year: IV

Course Faculty: SURESH BABU

A.Y: 2021-2022

S. No.	Roll No.	20-09-2021	27-09-2021	04-10-2021	11-10-2021	18-10-2021	25-10-2021
1	18ER 1T0003	✓	✓	✓	✓	✓	✓
2	18ER 1T0014	✗	✓	✓	✓	✓	✓
3	18ER 1T0019	✓	✗	✓	✓	✓	✗
4	18ER 1T0027	✗	✓	✓	✓	✓	✓
Faculty Sign		<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>	<i>SB</i>

*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*[Signature]*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharm.D

#### Attendance for Remedial Classes

Course Name: CLINICAL TOXICOLOGY

Year: IV

Course Faculty: B.ARUNA

A.Y: 2021-2022

S. No.	Roll No.	21-09-2021	28-09-2021	05-10-2021	12-10-2021	19-10-2021	26-10-2021
1	18ER 1T0003	X	✓	✓	✓	✓	✓
2	18ER 1T0014	✓	X	✓	✓	✓	✓
3	18ER 1T0019	X	✓	✓	✓	✓	✓
4	18ER 1T0027	✓	X	✓	✓	✓	✓
Faculty Sign							

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Circular

Date: 09/04/2022

All the students of II, III & IV B.Pharmacy II Semester who have Secured Less than 50% in I Mid Examinations are hereby informed to attend the Remedial Classes from 5:00PM to 6:00PM during 11/04/2022 to 17/05/2022. I request all the students to utilize this opportunity to improve your percentage.

Copy to faculty members:

*[Handwritten signatures of faculty members]*

*[Handwritten signature]*  
**PRINCIPAL**  
Dr. K.V. Subba Reddy Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*[Handwritten signature]*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

Following are the students from B. Pharmacy II, III & IV years II semester who need to attend remedial classes without fail.

II Year II Sem				
20ER1R0009	20ER1R0029	20ER1R0036	20ER1R0039	20ER1R0056
20ER1R0057	20ER1R0089	20ER1R0093	20ER1R0097	20ER1R00A6

III Year II Sem				
19ER1R0008	19ER1R0014	19ER1R0020	19ER1R0021	19ER1R0022
19ER1R0036	19ER1R0039	19ER1R0049	19ER1R0060	19ER1R0070

IV Year II Sem				
18ER1R0001	18ER1R0008	18ER1R0013	18ER1R0015	18ER1R0017
18ER1R0018	18ER1R0034			

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44.  
KURNOOL-518218 (A.P.)  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44.  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Timetable for Remedial Classes

Year & Sem: II - II

Academic Year: 2021-2022

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	DR.J.GOPALA KRISHNA	MC-I	Room No.102	
Tuesday	5:00PM - 6:00PM	E.HONEY	PHARMACO LOGY-I	Room No.102	

Year & Sem: III - II

Academic Year: 2021-22

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	R.MOHANA PRIYA	MC-III	Room No.103	
Tuesday	5:00PM - 6:00PM	DR.S.KUSUMAKUMA RI	BT	Room No.103	

Year & Sem: IV - II

Academic Year: 2021-22

Day	Timings	Faculty	Subject	Venue	Sign
Monday	5:00PM - 6:00PM	P.T.NAGARAJU	MOOCS -II	Room No.104	
Tuesday	5:00PM - 6:00PM	K.SARA SIRISHA	MOOCS -III	Room No.104	

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Attendance for Remedial Classes

Course Name: MC-I

Year: II - II

Course Faculty: J.GOPALA KRISHNA

A.Y: 2021-2022

S. No.	Roll No.	11-04-2022	18-04-2022	25-04-2022	2-05-2022	9-05-2022	16-05-2022
1	20ER1R0009	X	✓	✓	✓	✓	✓
2	20ER1R0029	✓	✓	X	✓	✓	✓
3	20ER1R0036	✓	✓	✓	✓	X	✓
4	20ER1R0039	✓	✓	✓	X	✓	✓
5	20ER1R0056	✓	✓	X	✓	✓	✓
6	20ER1R0057	X	✓	✓	✓	✓	✓
7	20ER1R0089	✓	✓	✓	✓	✓	X
8	20ER1R0093	✓	✓	X	✓	✓	✓
9	20ER1R0097	✓	X	✓	✓	✓	✓
10	20ER1R00A6	X	✓	✓	✓	✓	✓
Faculty Sign							

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Attendance for Remedial Classes

Course Name: PHARMACOLOGY-I

Year: II - II

Course Faculty: E.HONEY

A.Y: 2021-2022

S. No.	Roll No.	12-04-2022	19-04-2022	26-04-2022	03-05-2022	10-05-2022	17-05-2022
1	20ER1R0009	X	✓	✓	✓	✓	✓
2	20ER1R0029	✓	✓	✓	✓	✓	X
3	20ER1R0036	✓	X	✓	✓	✓	✓
4	20ER1R0039	✓	✓	✓	X	✓	✓
5	20ER1R0056	✓	✓	X	✓	✓	✓
6	20ER1R0057	X	✓	✓	✓	✓	✓
7	20ER1R0089	✓	✓	X	✓	✓	✓
8	20ER1R0093	X	✓	✓	✓	✓	✓
9	20ER1R0097	X	✓	✓	✓	✓	✓
10	20ER1R00A6	✓	✓	X	✓	✓	✓
Faculty Sign							

PRINCIPAL  
Dr. K.V.S.R./Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)





Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Attendance for Remedial Classes

Course Name: MC-III

Year: III-II

Course Faculty: R.MOHANA PRIYA

A.Y: 2021-2022

S. No.	Roll No.	11-04-2022	18-04-2022	25-04-2022	2-05-2022	9-05-2022	16-05-2022
1	19ER1R0008	X	✓	✓	✓	✓	✓
2	19ER1R0014	✓	✓	X	✓	✓	✓
3	19ER1R0020	✓	X	✓	✓	✓	✓
4	19ER1R0021	X	✓	✓	✓	✓	✓
5	19ER1R0022	✓	✓	X	✓	✓	✓
6	19ER1R0036	✓	✓	✓	X	✓	✓
7	19ER1R0039	✓	✓	✓	✓	X	✓
8	19ER1R0049	X	✓	✓	✓	✓	✓
9	19ER1R0060	✓	✓	✓	✓	✓	X
10	19ER1R0070	✓	✓	✓	✓	X	✓
Faculty Sign		<i>MP</i>	<i>MP</i>	<i>MP</i>	<i>MP</i>	<i>MP</i>	<i>MP</i>

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*R. Mohana Priya*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



Cell : 9704 333 789  
9177287508  
7660003344

## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Attendance for Remedial Classes

Course Name: BIO TECHNOLOGY

Year: III-II

Course Faculty: DR.S.KUSUMA KUMARI

A.Y: 2021-2022

S. No.	Roll No.	12-04-2022	19-04-2022	26-04-2022	03-05-2022	10-05-2022	17-05-2022
1	19ER1R0008	X	✓	✓	✓	✓	✓
2	19ER1R0014	✓	✓	✓	✓	✓	✓
3	19ER1R0020	✓	X	✓	✓	✓	✓
4	19ER1R0021	✓	✓	✓	X	✓	✓
5	19ER1R0022	X	✓	✓	✓	✓	✓
6	19ER1R0036	✓	✓	X	✓	✓	✓
7	19ER1R0039	✓	X	✓	✓	✓	✓
8	19ER1R0049	✓	✓	✓	X	✓	✓
9	19ER1R0060	✓	✓	X	✓	✓	✓
10	19ER1R0070	✓	✓	✓	✓	X	✓
Faculty Sign							

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

#### Attendance for Remedial Classes

Course Name: MOOCS-II

Year: IV-II

Course Faculty: P.T.NAGARAJU

A.Y: 2021-2022

S. No.	Roll No.	11-04-2022	18-04-2022	25-04-2022	2-05-2022	9-05-2022	16-05-2022
1	18ER1R0001	X	✓	✓	✓	✓	✓
2	18ER1R0008	✓	✓	✓	✓	✓	X
3	18ER1R0015	✓	X	✓	✓	✓	✓
4	18ER1R0017	X	✓	✓	✓	✓	✓
5	18ER1R0018	✓	X	✓	✓	✓	✓
6	18ER1R0034	✓	✓	X	✓	✓	✓
Faculty Sign							

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
- KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of B.Pharmacy

### Attendance for Remedial Classes

Course Name: MOOCS-III

Year: IV-II

Course Faculty: K.SARA SIRISHA

A.Y: 2021-2022

S. No.	Roll No.	12-04-2022	19-04-2022	26-04-2022	03-05-2022	10-05-2022	17-05-2022
1	18ER1R0001	X	✓	✓	✓	✓	✓
2	18ER1R0008	✓	X	✓	✓	✓	✓
3	18ER1R0015	X	✓	✓	✓	✓	✓
4	18ER1R0017	✓	✓	X	✓	✓	✓
5	18ER1R0018	✓	✓	✓	✓	X	✓
6	18ER1R0034	✓	✓	✓	✓	✓	X
Faculty Sign							

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

Department of Pharmacy

### Laboratory Sessions

Branch: B.Pharmacy

Regulation: R19



Fig 1.1 Experimental Lab on Limit test in Pharmaceutical Inorganic Laboratory



Fig 1.2 Drying of powder in hot air oven in Physical Pharmaceutical Laborator

*Sidema*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789

9177287508

7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)

Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.

E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharmacy

#### Laboratory Sessions

Branch: Pharm.D

Regulation: R19



Fig 1.3 Experimental Lab on Titration in Pharmaceutical Analysis Laboratory

*Sikemana*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



Fig 1.4 Experimental Lab in Medicinal Chemistry Laboratory

*S. Suman*  
PRINCIPAL

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL - 518218 (A.P.)  
KURNOOL-518218



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Pharma Quiz

The Department of Pharmacy has conducted a **Pharma Quiz Competition** in the college auditorium on 18<sup>th</sup> March 2021 under Pharmacy students Chapter in which four different teams with five participants in each group gave tough battle to each other.

Mrs.S.Lakshmi Garu presented mementos to the winners.



Fig 1: Presenting Mementos to the winners by Principal

*S. Lakshmi*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)





## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### Department of Pharmacy

#### Think Pair Share Session

AY: 2021-22

Think-Pair-Share (TPS) is a cooperative learning activity that can work in varied size classrooms and in any subject. Instructors pose a question, students first THINK to themselves prior to being instructed to discuss their response with a person sitting near them (PAIR).

In other words, Think-pair-share (TPS) is a collaborative learning strategy where students work together to solve a problem or answer a question about an assigned reading. This strategy requires students to (1) think individually about a topic or answer to a question; and (2) share ideas with classmates. Discussing with a partner maximizes participation, focuses attention and engages students in comprehending the reading material.

- It helps students to think individually about a topic or answer to a question.
- It teaches students to share ideas with classmates and builds oral communication skills.
- It helps focus attention and engage students in comprehending the reading material.

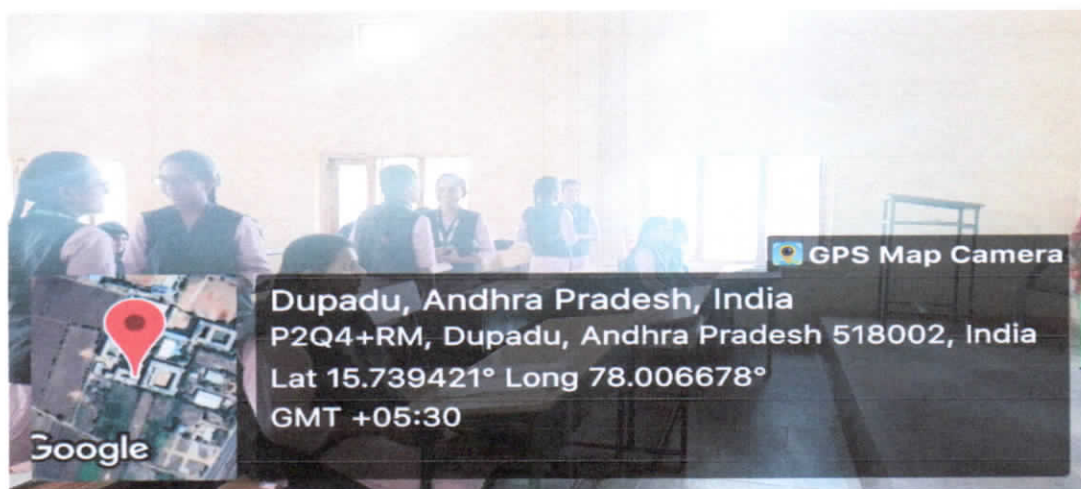


Fig.1: Students during a Think Pair Share Session

Batch of 52 Pharmacy students attended the session conducted on 7/4/2021.

*S. Anurag*  
PRINCIPAL

PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

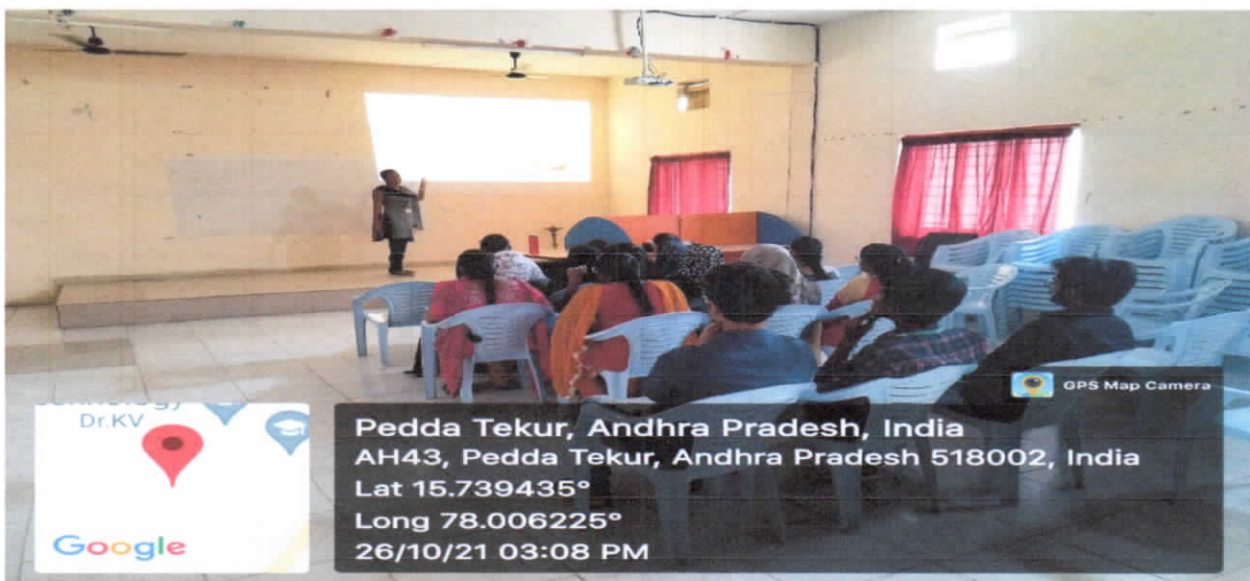
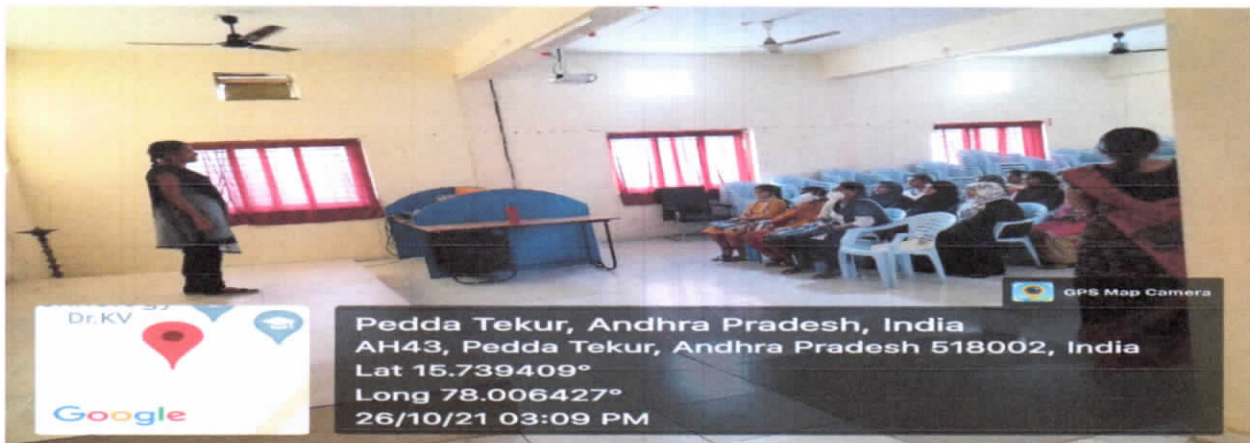
(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### CLUB ACTIVITIES:

This club activities is organized by students as well as faculty members is to promote & enhance activity in educational institution .this kind of activities empower the students analytical interpretation skills. It provide familiarize members with emerging trends in the field of pharmacy. It provide environment for learning inter disciplinary academic research.



*S. Bernama*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



# Dr. K. V. SUBBA REDDY INSTITUTE OF PHARMACY

(Approved by AICTE & PCI New Delhi, Permanent Affiliated to JNTU Anantapur, Anantapuramu,  
MoU with Government General Hospital, KMC, Kurnool)

Opp: Dupadu RS, N.H-44, Lakshmipuram (Post), Kurnool-518218

E-mail: [principalkvsrip@gmail.com](mailto:principalkvsrip@gmail.com)

Cell: +919440282181, +919704333789

Fax: 08518-287618

DATE:07/06/2021

DEPARTMENT OF PHARMACY (2021-2022)

## CIRCULAR

All the faculty and students here by informed that Work Shop on Training and Handling of Dissolution Apparatus will be conducted for III- & IV-year B. pharmacy students on 09/06/2021 to 10/06/2021 as per the following schedule. All the faculty & students are instructed to note the same and attend the classes as per the schedule.

Copy to faculty members

*[Handwritten signatures and initials of faculty members]*

*[Handwritten signature]*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)

*[Handwritten signature]*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44  
KURNOOL-518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

**PROBLEM SOLVING METHODS** Dr.K.V.Subba Reddy institute of pharmacy conducted training on handling of dissolution apparatus for B.Pharmacy III&IV Year students on 21/08/2021 to 24/08/2021. This workshop is very helpful to acquire knowledge, conceptual understanding, and skills to solve problems and make informed decision in scientific context. Eminent speaker S.K.RUBINA Madam, M. Pharmacy , Assistant professor Department of pharmaceutical analysis.

**Dr. K.V. SUBBA REDDY INSTITUTE OF PHARMACY**  
NH-44, Opp Dupadu Railway Station, Kurnool-518218 (A.P) India  
**Department of Pharmacy**  
**Training on Handling of Dissolution Apparatus**  
Date : 21/08/2022 to 24/08/2022  
email [principalkvsrip@gmail.com](mailto:principalkvsrip@gmail.com)  
Contact : 9440282181, 9177287508  
Welcome to Resource Person  
**S.K.RUBINA**  
**ASSISTANT PROFESSOR**  
**Smt. S. Vijayalakshamma**  
Secretary & Correspondent  
**Dr. B.V.RAMANA**  
Principal

*B. Veemana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344

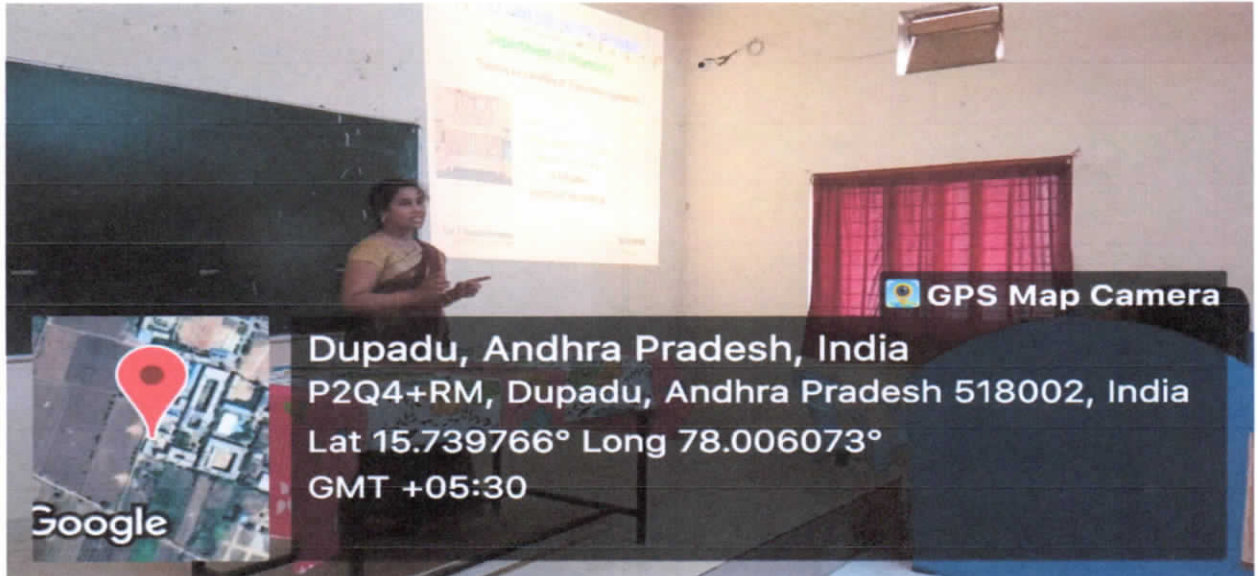


## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



S.K. Rubina garu discussing about working of dissolution apparatus

*S. K. Rubina*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789  
9177287508  
7660003344



## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*Sibemane*  
PRINCIPAL  
Dr. K.V.S.R.  
Opp: D  
KURNOOL-518218 (A.P.)  
Institute of Pharmacy  
R.S. N.H-44  
518218 (A.P.)

Cell : 9704 333 789  
9177287508  
7660003344

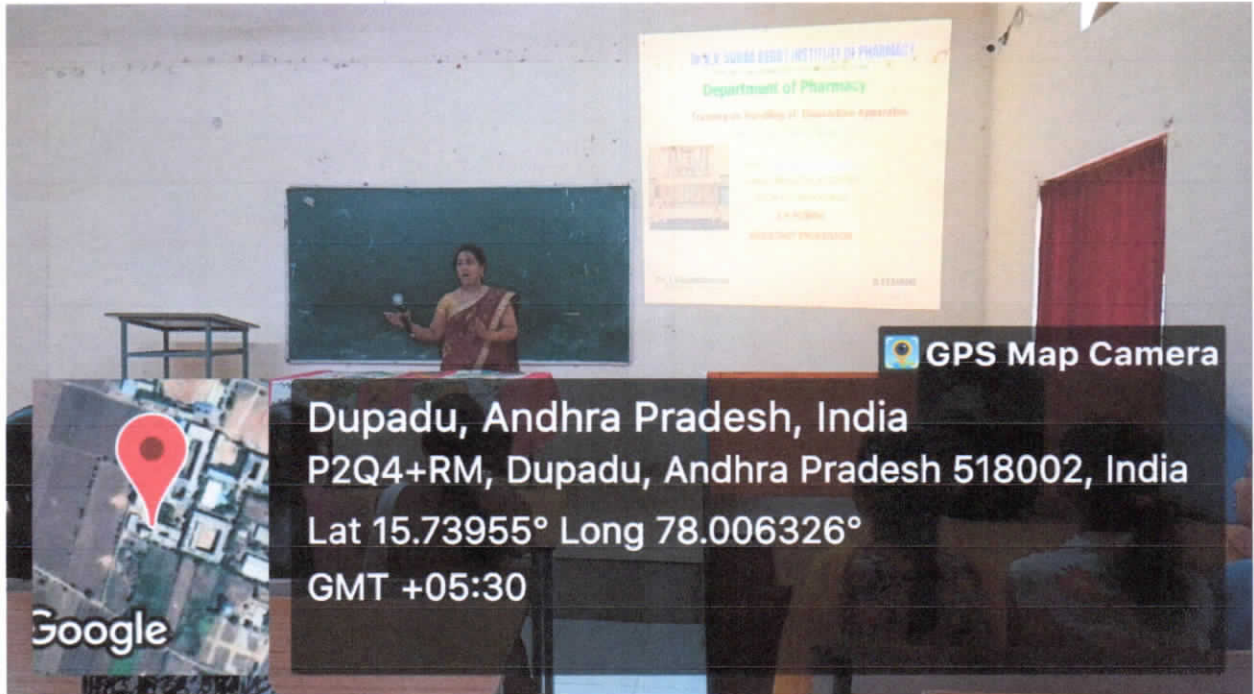


## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*Subbana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P.)



## Dr. K.V. Subba Reddy Institute of Pharmacy

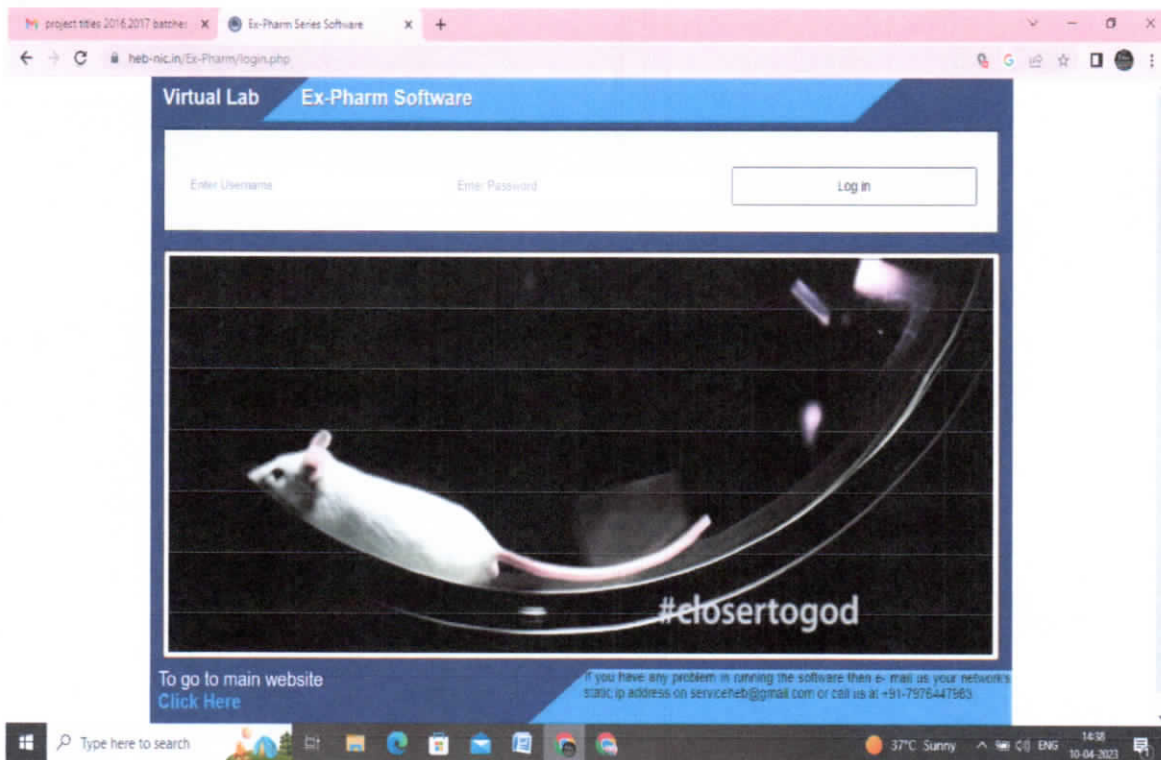
(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

### VIRTUAL LABS

**Virtual labs** are used to provide remote asses to stimulation based labs in various disciplines of sciences and pharmacy departments. By using these virtual labs to enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic & advanced concepts through remote experimentation. This would help them to provide complete learning management system around the virtual labs where the students/ teachers can avail the various tools for learning, including additional web resources ,video lectures, animated demonstrations and self examination.



*S. Anurama*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)





# Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

14. amputation or pupal control

- Simulation of the effects of the physiological stimuli and drugs on the papillary reflexes.
- Simulation of the control in patient with partial parasympathectomy.

14. Test for pyrogens using rabbits.

15. Effect of drugs on isolated guinea pig ileum (in-vitro).

16. To study respiratory depression effect on rabbit.

17. Study of stereotype and anti-catatonic activity of drugs on mice.

18. Experiments on thyroid and antithyroid drugs

- The effect of thyroxin, TSH, propylthiouracil, on metabolism.

19. Experiments on blood sugar

- The effect of insulin (hypoglycemic activity) and alloxan on blood glucose.

20. Study of anti-inflammatory activity using carrageenan induced paw oedema method

21. Study of diuretic activity using metabolic cage

22. Experiment on Effect of various drugs on isolated Frog's Heart. (DRC- Dose Response Curve)

- Epinephrine
- Norepinephrine
- Isoprenaline
- Calcium Chloride
- Propranolol

What is Experimental Pharmacology (Ex-Pharm) Series

This is a computer assisted learning (CAL) software containing various programs which simulate animal experiments in Pharmacology. These programs can be used to demonstrate effect of drugs on different animals systems. The package is user friendly, highly interactive and full of animated sequences which make simulation appear realistic. The current version of Experimental Pharmacology (Ex-Pharm) Series Software consists of following computer simulated experiments.

Experiments List

01. Experiment on effects of various drugs (Mydriatic, Miotic and Local Anaesthetic) on rabbit's eye.

- Epinephrine
- Atropine
- Ephedrine
- Physostigmine
- Lignocaine

02. Study of Analgesic activity with the help of "Tail Flick Apparatus" (Analgesimeter).

03. Study of Analgesic activity with the help of "Hot Plate Apparatus" (Analgesimeter).

04. To study analgesic activity by writhing test.

05. Study of Antihistaminic drugs/Anti allergic drugs by mast cell stabilization method with help of "Histamine Chamber"

06. Study of Muscle Relaxant activity with the help of "Rota-Rod Apparatus".

07. Study of CNS Depressants & Stimulants Using "Actophotometer".

08. Study of Drugs acting on CNS (including Anxiolytic Activity) using following modules

- Elevated Plus Maze Method
- Pole Climbing Method

*S. Ramana*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S., N.H - 44,  
KURNOOL - 518 218, A.P. INDIA

Cell : 9704 333 789  
9177287508  
7660003344



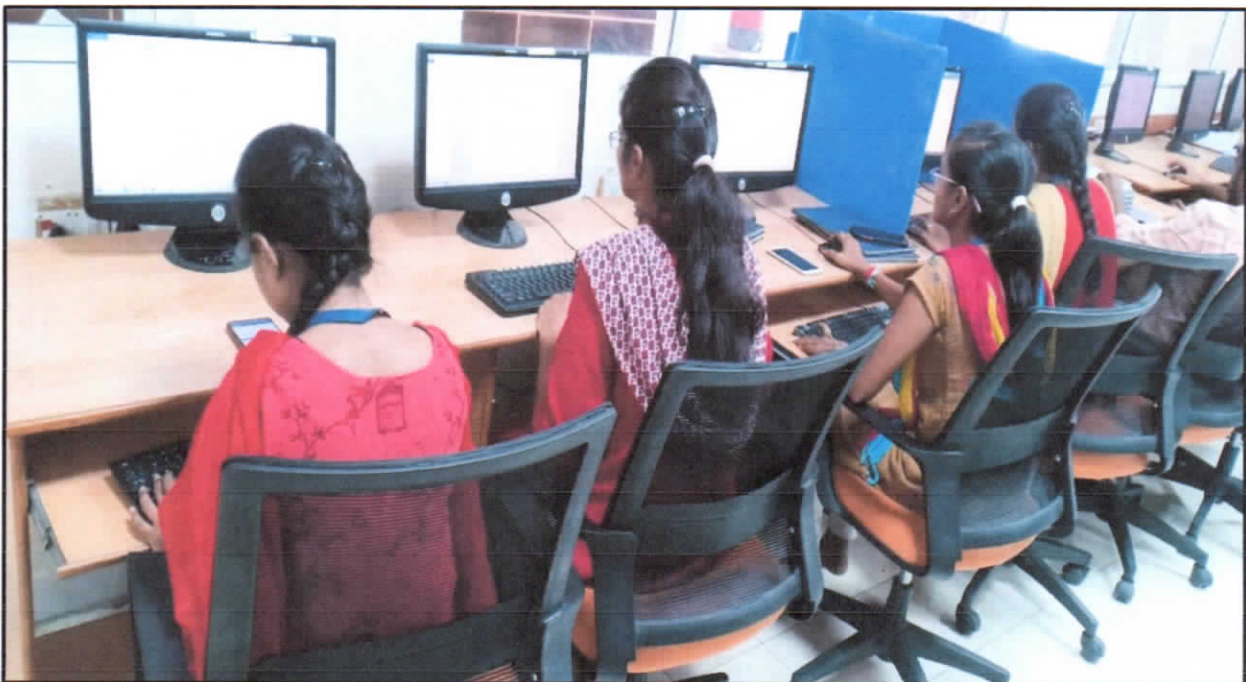
## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....

B.Pharmacy II year students participative learning in pharmacology laboratory



*S. Hemavathi*  
PRINCIPAL  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S. N.H.-44,  
KURNOOL-518218 (A.P)

Cell : 9704 333 789

9177287508

7660003344

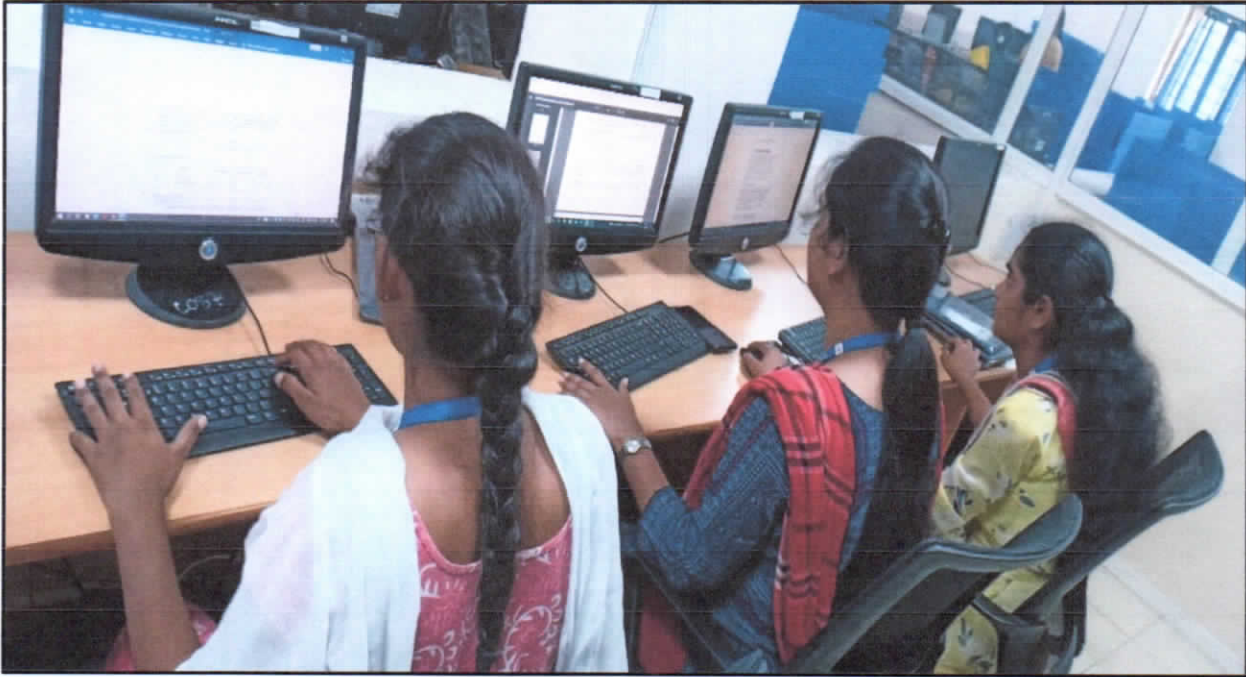


## Dr. K.V. Subba Reddy Institute of Pharmacy

(Approved by AICTE, P.C.I. New Delhi & Permanently Affiliated to JNTUA  
Anantapuramu, MOU with Government General Hospital & KMC, Kurnool)  
Opp : Dupadu R.S., N.H - 44, KURNOOL - 518 218, A.P. INDIA.  
E-mail : principalkvsrip@gmail.com www.drkvsrip.ac.in

Principal / Correspondent

Date : .....



*S. Venkatesh*  
**PRINCIPAL**  
Dr. K.V.S.R. Institute of Pharmacy  
Opp: Dupadu R.S., N.H-44,  
KURNOOL-518218 (A.P.)