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# VIJAYA INSTITUTE OF PHARMACEUTICAL SCIENCES FOR WOMEN

ENIKEPADU, VIJAYAWADA

## LABORATORY CERTIFICATE

This is to certify that Miss Ravulapalli Thirishalini

Reg. No. 197N1R0040 Of 1<sup>st</sup> B. pharmacy

has satisfactorily completed the course of experiments in the

Subject Human Anatomy and physiology - II Prescribed by

J.N.T.U. Kakinada during the year 2019 - 2020



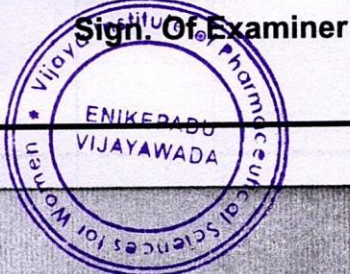
*S. Venkatesh*  
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PHARMACEUTICAL SCIENCES FOR WOMEN  
ENIKEPADU, VIJAYAWADA-520 108

*Applesh*  
26/11/20

Sign of Subject Incharge  
Dept. of Pharmacology  
Vijaya Institute of Pharmaceutical Sciences for Women  
ENIKEPADU, VIJAYAWADA  
Head of the Dept.

Ext. Examiner	<i>[Signature]</i>
Inv. Examiner	<i>AA</i>

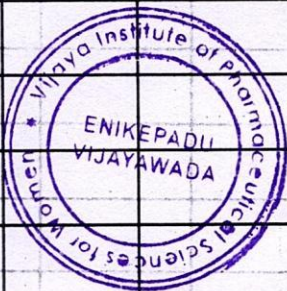



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No.	Date	Experiment	Page No.	Grade	Sign
1.	9/3/20	To Study the integumentary and Special Senses using Specimen, model	1 to 7	14	ATM 16/3/2020
2.	9/3/20	To Study the Nervous System using Specimen, models etc	8 to 11	14	ATM 16/3/2020
3.	9/3/20	To Study the Endocrine System using Specimen, models etc	12 to 13	14	ATM 26/19
4.	16/3/20	To demonstrate the general Neurological Examination	14 to 17	14	ATM 26/19
5.	16/3/20	To demonstrate the function of olfactory nerve	18 to 19	14	ATM 26/19
6.	16/3/20	To Examine the different types of tastes	20 to 21	14	ATM 26/19
7.	16/3/20	To demonstrate the visual Activity	22 to 26	14	ATM 26/19
		Completed			ATM 26/11/20
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## LABORATORY CERTIFICATE

This is to certify that Miss G. Annie Susanna.

Reg. No. LB7NIR0033 of II B-pharmacy I semester

has satisfactorily completed the course of experiments in the

Subject pharmacology-I. Prescribed by

J.N.T.U. Kakinada during the year 2019 - 2020



Date :

*S. Venkatesh*  
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*A. Bhavana*  
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Head of the Dept.


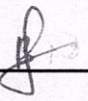


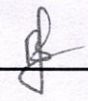
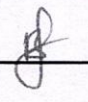
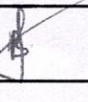
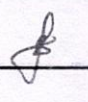


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2.	6/1/20	Study of common laboratory Animals.	11-15	14	
3.	20/1/20	Maintenance of laboratory animals as CPCSEA Guidelines	16-22	14	
4.	20/1/20	Common laboratory techniques.	23-31	14	
5.	20/1/20	Different Routes of drug administration in experimental animals.	32-34	14	
6.	3/2/20	The effect of drugs on eiliary movement of frogs oesophagus	35-36	14	
7.	2/1/20	To study the effect of autonomic drugs on Rabbit eye.	37-38	14	



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10.	2/3/20	To study the Anticonvulsant activity of drug against MES induced convulsions in rats.	43-44	14	<i>[Signature]</i>
11.	16/3/20	Study of Anxiolytic effect of Diazepam in mice using elevated plus-maze.	45-46	14	<i>[Signature]</i>
12.	16/3/20	Demo of stereotypic and anti-catatonic activity of drugs on rats.	47-49	15	<i>[Signature]</i>
13.	16/3/20	Study of Hepatic microsomal enzyme induced on the phenobarbitone sleeping time in mice.	50-51	15	<i>[Signature]</i>
14.	16/3/20	Demo of anticonvulsant activity of drug on mice.	52-53	15	<i>[Signature]</i>
15.	16/3/20	Demo of local anaesthetic effect in frogs by Plexus anaesthesia.	54-55	15	<i>[Signature]</i>
16.	3/2/20	To study the effect of lignocaine on rabbit eye.	56-58	14	<i>[Signature]</i>



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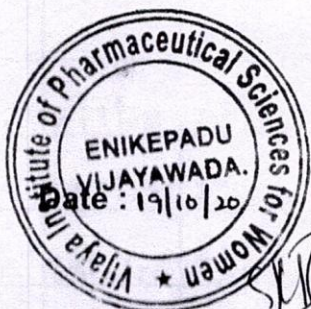
This is to certify that Miss V. G. N. S. Sunethri

Reg. No. 177N1R0005 Of B.Pharmacy (III<sup>rd</sup>) (3-2)

has satisfactorily completed the course of experiments in the

Subject MEDICINAL CHEMISTRY - III Prescribed by

J.N.T.U. Kakinada during the year 2019 - 2020



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*Srawan* 7/3/2020

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Head of the Dept.

Sign of Examiner

Ext. Examiner	
Int. Examiner	<i>Srawan</i>



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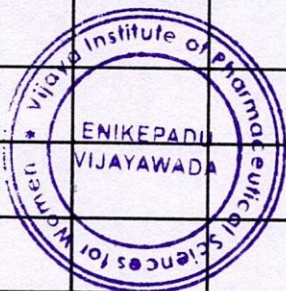
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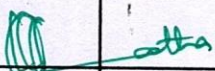
S.No.	Date	Experiment	Page No.	Grade	Sign
		preparations			
01,	5/12/19	Synthesis of 7-hydroxy-4-Methyl Coumarin	01-02	14	8.12/12
02,	5/12/19	preparation of chloretone	03-04	14	8.12/12
03,	12/12/19	preparation of Methanamine	05-06	14	8.19/12
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05,	26/12/19	Synthesis of 2,4,5-triphenyl Imidazole	10-11	15	8.21/12
06,	30/1/20	Synthesis of p-amino salicylic acid from salicylic acid.	12-14	14	8.6/12
07,	06/2/20	Synthesis of Aspirin from Salicylic acid by Microwave irradiation technique	15-16	13	8.13/12
08,	6/2/20	One pot Synthesis of 1,4-Dihydropyridine from ethylacetoacetate by microwave irradiation technique	17-19	14	8.13/12
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09,	2/1/20	Assay of Metronidazole tablets	21-23	14	8.2/12
10,	2/1/20	Assay of chloroquine tablets	24-26	13	8.6/12
11,	13/2/20	Assay of Amoxicillin Capsules	27-29	14	8.13/12
12,	13/2/20	Assay of Isoniazid Tablets	30-32	14	8.13/12



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S.No.	Date	Experiment	Page No.	Grade	Sign
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14	20/2/20	Assay of Dapsone tablet	36-37	12	<i>[Signature]</i> 27/2
15	27/2/20	Drawing structures and reactions using chemdraw ultra-8.0 software	38-41	15	<i>[Signature]</i> 13
16	5/3/20	Determination of drug likeness of molecule by using mol-inspiration software	42-45	15	<i>[Signature]</i> 13
				14	
<p>Completed  <i>[Signature]</i>                      23/2/20</p>					



  
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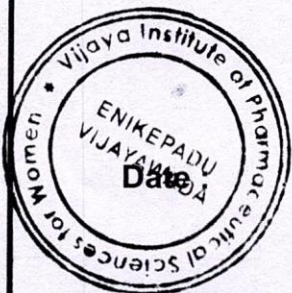
This is to certify that Miss Latha Sri. Kondaveti.

Reg. No. 167N1R0027 Of IV - II sem.

has satisfactorily completed the course of experiments in the

Subject Bioassays and toxicology lab Prescribed by

J.N.T.U. Kakinada during the year 2019 - 2020



*Atta*  
18/3

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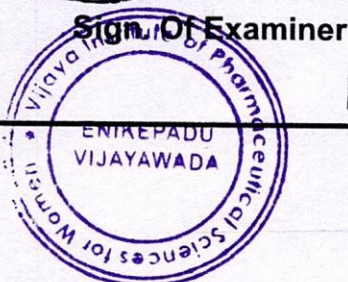
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# INDEX

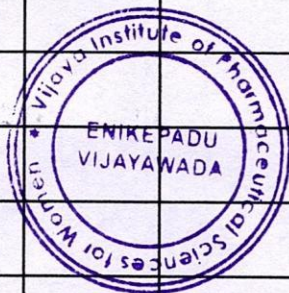
S.No.	Date	Experiment	Page No.	Grade	Sign
1.	02/12/19	Bioassay of histamine by matching method using guinea pig ileum preparation.	1-3	15	AA
2.	16/12/19	Bioassay of histamine by bracketing method using guinea pig ileum preparation.	4-6	14	AA
3.	16/12/19	Bioassay of histamine by interpolation method using guinea pig ileum preparation.	7-9	15	AA
4.	23/12/19	Bioassay of oxytocin by interpolation method using rat uterine horn preparation.	10-13	15	AA
5.	30/12/19	Bioassay of adrenaline by interpolation method using isolated rabbit jejunum preparation.	14-17	15	AA
6.	06/01/20	Bioassay of Atropine by interpolation method using rat ileum preparation.	18-20	15	AA 27/1/20
7.	23/01/20	Three point bioassay of serotonin using rat fundus muscle preparation.	21-24	15	AA 31/2/20
8.	03/02/20	Three point bioassay of Acetylcholine using on isolated Rat ileum preparation.	25-28	15	AA 14/2/20
9.	10/02/20	calculation of $PA_2$ value for prazosin using Adrenaline as an agonist	29-31	15	AA 29/2/20



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S.No.	Date	Experiment	Page No.	Grade	Sign
		employing rat anococcygeus muscle preparation.			
10.	24/02/20	calculation of $PA_2$ value for Atropine using acetylcholine as an agonist employing rat anococcygeus muscle preparation.	32-34	15	AK 9/1/20
11.	09/03/20	four point bioassay of histamine using guinea pig ileum preparation.	35-38	15	AK 10/3/20
<p>Completed AK 10/3/20</p>					
					
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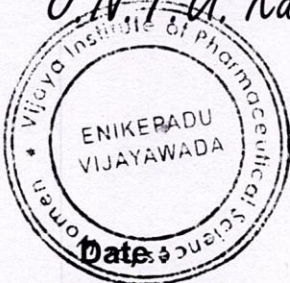
This is to certify that Miss A. Devi Priya darsini

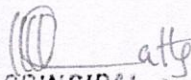
Reg. No. 197NIS0302 Of M.Pharmacy I-E-II

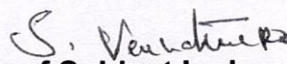
has satisfactorily completed the course of experiments in the


Subject pharmaceutical practical - III Prescribed by

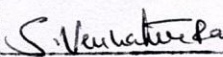
J.N.T.U. Kakinada during the year 2019 - 2020




  
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Head of the Dept.

  
Sign of Examiner

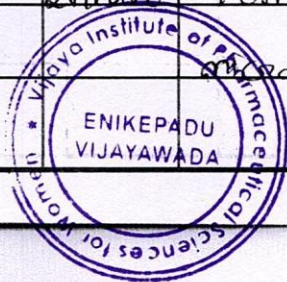
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S.No.	Date	Experiment	Page No.	Grade	Sign
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2	10/5/20	Comparative dissolution profile two different marketed products	8-10	A	✓
3	18/13/20	Improvement of dissolution characteristics of slightly soluble drug by solid dispersion Technique	11-13	A	✓
4	25/5/20	Protein binding studies	14-16	B	✓
5	6/10/20	Preparation & Evaluation of Alginate beads by Ionotropic Gelation method	17-19	A	✓
6	8/10/20	preparation & evaluation of Gelatin microspheres containing aceclofenac	20-23	A	✓
7	13/10/20	preparation & evaluation of Albumin microspheres containing diclofenac	24-27	A	✓
8	15/10/20	preparation & evaluation of liposomes containing met-formin hydrochloride	28-30	B	✓
9	17/10/20	Formulation & evaluation of Niosomes containing aceclofenac	31-33	A	✓
10	20/10/20	Bioavailability studies paracetamol in experimental rats	34-36	A	✓
11	27/10/20	Formulation & evaluation of Agar microspheres containing nimesulide	37-38	A	✓

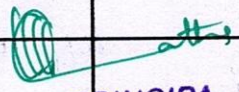


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# INDEX

S.No.	Date	Experiment	Page No.	Grade	Sign
12	29/10/20	Effect of non solvent evaporation micro encapsulation of aceclofenac	39-41	A	✓



  
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## LABORATORY CERTIFICATE

This is to certify that Miss V. Sowmya Sri

Reg. No. 197NIS1603 Of I-Mpharmacy-II Sem

has satisfactorily completed the course of experiments in the

Subject Pharmaceutical Analysis-III Prescribed by

J.N.T.U. Kakinada during the year 2019 - 2020



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Int. Examiner	<i>[Signature]</i>

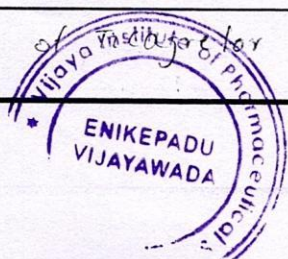


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S.No.	Date	Experiment	Page No.	Grade	Sign
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03.	5/10/20	Interpretation of organic compounds by nuclear magnetic Resonance	9-13	13	f
04.	7/10/20	Interpretation of organic compounds by mass spectroscopy	14-21	13	f
05.	9/10/20	Identification of organic compounds using UV-NMR, CNMR, FTIR, Mass Spectra	22-27	13	f
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07.	14/10/20	Determination of linearity & range by UV spectrophotometer	30-31	13	f
08.	16/10/20	Determination of Accuracy & precision by UV spectrophotometer	32-36	13	f
09.	19/10/20	Determination of Detection limit & Quantity limit	37-38	13	f
10.	26/10/20	Determination of Robustness by UV Spectrophotometer	37-39	13	f
11.	28/10/20	Bioanalytical method development & Validation of method for BM RP. HPLC	40-44	13	f



  
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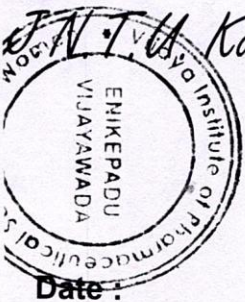
This is to certify that Miss S. Jaya Sai Keertana

Reg. No. 197N180602 Of 1<sup>st</sup> year 2<sup>nd</sup> Semester

has satisfactorily completed the course of experiments in the

Subject Pharmacology Practical - III Prescribed by

J.N.T.U. Kakinada during the year 2019 - 2020



Date:

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Head of the Dept.

Sign of Examiner

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Int. Examiner	<i>[Signature]</i>



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# INDEX

Sl. No.	Date	Experiment	Page No.	Grade	Sign
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2	20/2/20	CRC of Ach-Frog Rectus Abdominis Muscle.	4	15	
3	20/2/20	Synergic Effect of physostigmine on CRC of Ach using isolated rat colon ppn.	7	15	
4	27/2/20	Antagonistic effect of Atropine on CRC of Ach using isolated rat colon preparation.	9	15	
5	28/2/20	Bioassay of Ach by Matching method using rat colon preparation.	12	15	
6	28/2/20	Bioassay of Ach by Bracketing Method using rat colon preparation.	15	15	
7	2/3/20	Calculation of pA <sub>2</sub> value for Atropine using Ach as an agonist employing rat colon muscle preparation.	17	15	
8	5/3/20	Effect of Cardiotonics on hypodynamic frog heart.	20	15	
9	5/3/20	Effect of different electrolytes on isolated frog heart.	22	15	
10	7/3/20	3 point bioassay of Ach using rat Colon preparation.	24	15	
11	13/3/20	4 point bioassay of Ach using rat Colon prep.	27	15	
12	14/3/20	Drug absorption studies by Averted rat ileum preparation.	30	15	

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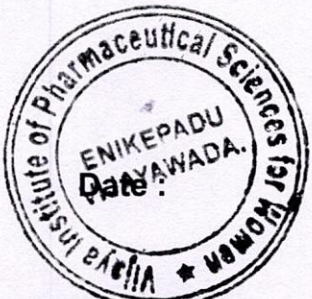
This is to certify that Miss KANCHARLA MAHA LAKSHMI

Reg. No. 197NIT0006 Of Pharm-D

has satisfactorily completed the course of experiments in the

Subject Human Anatomy and Physiology Prescribed by

J.N.T.U. Kakinada during the year 2019 - 2020

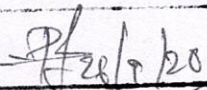
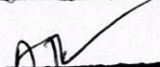


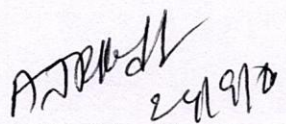
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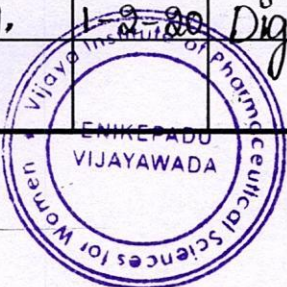
  
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S.No.	Date	Experiment	Page No.	Grade	Sign
1.	28-09-19	study of compound microscope	1-4	10	AA
2.	28-09-19	study of cell and its structure	5-7	10	AA
3.	28-10-19	Epithelial tissue	8-9	10	AA
4.	29-10-19	Connective tissue	10-12	10	AA
5.	19-10-19	Muscular tissue.	13-14	10	AA
6.	19-10-19	Nervous tissue	15	10	AA
7.	2-11-19	Blood withdraw techniques	16-18	10	AA
8.	6-11-19	Bleeding time determination	19-20	10	AA
9.	6-11-19	Determination of clotting time	21-22	10	AA
10.	16-11-19	Blood grouping	23-24	8	AA
11.	16-11-19	Haemocytometry <sup>globin</sup> Estimation	25-27	10	AA
12.	23-11-19	Determination of Erythrocyte sedimentation rate.	28-29	8	AA
13.	23-11-19				
14.	30-11-19	Haemocytometry	30-32	7	AA
15.	30-12-19	White Blood cell [W.B.C] count	33-35	9	AA
16.	9-12-19	Red Blood cell [R.B.C] count	36-38	9	AA
17.	9-12-19	Differential Leucocyte [W.B.C] count	39-42	9	AA
18.	16-12-19	Axial skeletal system	43-52	10	AA
19.	16-12-19	Appendicular skeletal system.	53-56	10	AA
20.	21-4-19	Nervous system	57-61	10	AA
21.	4-1-20	Respiratory system	62-64	10	AA
22.	1-2-20	Digestive system	65	10	AA

Completed  
AA  
24/9/20



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Reg. No. 187NIT0001 Of 2<sup>nd</sup> Pharm-D

has satisfactorily completed the course of experiments in the

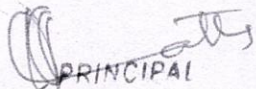
Subject Pharmaceutical Microbiology LAB. Prescribed by

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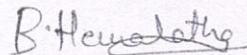


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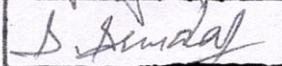



  
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B. Hemalatha

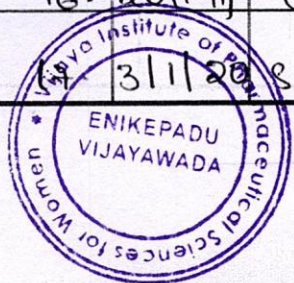
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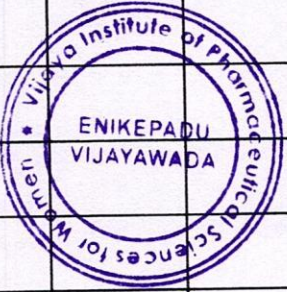

  
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S.No.	Date	Experiment	Page No.	Grade	Sign
1.	16/8/19	Introduction of Equipments and Glasswares used in microbiology Laboratories.	1-4	10	
2.	16/8/19	Compound Microscope	5-8	10	
✓3.	13/9/19	Preparation of Nutrient Broth Medium	9-10	10	
4.	13/9/19	Preparation of Nutrient Agar Medium	11-12	10	
5.	16/9/19	Sterilisation Techniques	13-14	10	
6.	16/9/19	Aseptic transfer of true Culture	15-16	10	
✓7.	24/9/19	Simple staining	17-18	10	
8.	26/9/19	Gram staining	19-21	10	
9.	23/10/19	Negative Staining	22-23	10	
10.	30/11/19	Motility of Bacteria.	24-26	10	
11.	13/12/19	Enumeration of Bacteria- Total viable count By Pour Plate Method.	27-28	10	
12.	13/12/19	Isolation of Pure culture by Streak Plate Method.	29-30	10	
13.	20/12/19	Biochemical Testing for Identification of Micro-Organisms.		10	
		(A) Fermentation of Carbohydrates	31-32	10	
14.	20/12/19	(B) Starch hydrolysis	33-34	10	
15.	26/12/19	(C) Indole Test	35-36	10	
16.	26/12/19	(D) MR-VP Test	37-39	10	
17.	31/1/20	sterility testing of pharmaceutical Products	40-42	10	



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S.No.	Date	Experiment	Page No.	Grade	Sign
18	31/1/20	Determination of minimum inhibitory concentration of antibiotics.	43-45	10	}
	✓				
19	4/2/20	Microbiological assay of antibiotics by cupplate method	46-47	10	BH
	✓				
20	7/2/20	Culture Sensitivity testing for micro-organisms.	48-49	10	}
	✓				
21	7/2/20	Diagnostic test - widal test	50-51	10	}
22	13/2/20	Preservation of Micro-organisms	52-55	10	
23	13/2/20	Determination of Rideal-walker Co-efficient	56-56	10	
24	28/2/20	Microbial assay of vitamin B <sub>2</sub> by turbidimetric method	57-59	10	BH
25	28/2/20	Diagnostic test - malarial parasite	60-62	10	}
26	6/3/20	Methylene blue reductase test for milk.	63-64	10	
				10	
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This is to certify that Miss Moadu. Pri Lakshmi.

Reg. No. 177NIT0009 Of III. Pharm.D

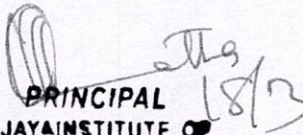
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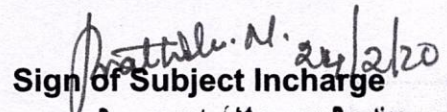
A. N. T. U. Kakinada during the year 2019 - 2020

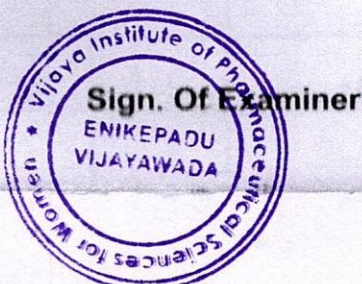


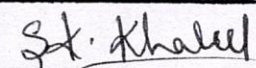
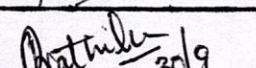
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Vijaya Institute of Pharmaceutical Sciences for Women  
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Head of the Dept.

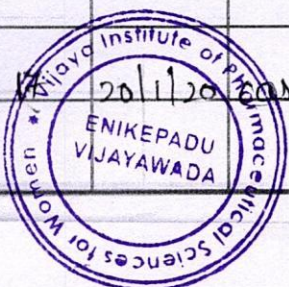



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# INDEX

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01.	7/6/19	Case study on Cephalohematoma.	1-4	10	G- 17/19
02.	1/7/19	Case study on Severe Bronchopneumonia.	5-10	10	G- 22/7/19
03.	22/7/19	Case study on Enteric fever.	11-16.	9	G- 12/8/19
04	12/8/19	Case study on Direct Hyperbilirubinemia	17-21	10	G- 19/8/19
●	19/8/19	Case study on Wheezing Associated Lower Respiratory Tract Infection.	22-26.	9	G- 9/9/19
06.	9/9/19	Case study on convulsions.	27-32.	10	G- 23/9/19
07.	23/9/19	Case study on Hydronephrosis	33-36	9	G- 21/10/19
08.	21/10/19	Case study on Schizophrenia.	37-41	10	G- 21/11/19
09.	11/11/19	Case study on Acute Gastroenteritis	42-47	10	G- 25/11/19
10.	25/11/19	Case study on Bipolar disorder	48-51	10	G- 21/12/19
11.	2/12/19	Case study on CVA with mild LV Dysfunction.	52-60	9	M- 9/12/19
12.	9/12/19	Case Study on Diabetic ketoacidosis	61-65	10	M- 16/12/19
13.	16/12/19	Case study on acute or chronic pancreatitis	66-70	10	M- 23/12/19
14.	23/12/19	case study on Thrombocytopenia	71-74	9	M- 30/12/19
15.	30/12/19	Case Study on necrotising pancreatitis	75-80.	10	M- 6/1/20
16.	6/1/20	case study on cerebral sinus venous thrombosis	81-86	10	M- 20/1/20
20/1/20	●	Case study on chronic kidney disease	87-91	9	M- 27/1/20



  
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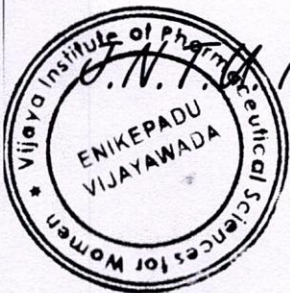
This is to certify that Miss Jaya Sree Nimmagadda

Reg. No. 167NIT0024 Of Pharm.D 4<sup>th</sup> year

has satisfactorily completed the course of experiments in the

Subject Pharmacotherapeutics Prescribed by

J.N.T.K. Kakinada during the year 2019 - 2020



Date :

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Department of Pharmacy Practice

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Ext. Examiner	<i>[Signature]</i>
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S.No.	Date	Experiment	Page No.	Grade	Sign
1.	21/6/19	Bilateral optic Neuropathy	1-4	9	@/28/6
2.	28/6/19	Acute Renal failure	5-9	9	@ 5/7
3.	5/7/19	Subependymoma of 1V <sup>th</sup> ventricle	10-13	10	@ 19/7
4.	19/7/19	Ischemic Stroke	14-18	9	@ 26/7
5.	26/7/19	Malaria	19-22	9	@/2/19
6.	2/8/19	Acute pancreatitis & Alcoholic Gastritis	23-27	10	@ 9/8
7.	9/8/19	Cervical Spondylotic Myelopathy	28-31	9	@ 14/8
8.	16/8/19	Renal Agenesis & Alcoholic liver Disease	32-35	10	@ 6/9
9.	6/9/19	Gullian Barry Syndrome	36-39	9	@ 4/10
10.	4/10/19	COPD with Rhinitis	40-43	10	@ 13/10
11.	18/10/19	Pancytopenia	44-47	10	@ 15/10/19
12.	25/10/19	Benign Intracranial hypertension	48-51	9	@ 1/11/19
13.	1/11/19	Disc prolapse	52-55	10	@ 3/11/19
14.	8/11/19	Sickle cell Anaemia	56-58	10	@ 5/11/19
15.	15/11/19	Renal Calculi	59-62	9	@ 20/11/19
16.	20/12/19	Generalised Tonic clonic Seizures	63-67	10	@ 27/12/19
17.	27/12/19	Acute Bronchitis	68-71	10	@ 24/1/20
18.	24/1/20	Whipple disease	72-74	10	@ 31/1/20
19.	31/1/20	Acute psychosis, Mania with psychotic Symptoms	75-79	10	@ 7/2/20
20.	7/2/20	Abnormal uterine bleeding with fibroid uterus	80-84	10	@ 24/2/20
				9.5	
					24/2/20



  
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