

ADITYA

PHARMACY COLLEGE

(Formerly known as Aditya Institute of Pharmaceutical Sciences & Research)
(An AUTONOMOUS Institution)
Approved by PCS, New Delhi, Accredited by NAAC "A" Grade
Permanently Affiliated to JNTUK, Kakinada
Aditya Nagar, ADB Road, Surampalem - 533437, Kakinada Dist., A.P., INDIA.



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I. B.PHARMACY

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	223G1R0001	ABHISHEK KUMAR SINGH	X	X	✓
2	223G1R0002	ALNAIM MOHAMMED ALHASSAN ALNAIM	X	X	✓
3	223G1R0003	AMBATI JAHNAVI KEERTHI	X	X	✓
4	223G1R0004	ANAPARTHI MOURYA SARAN RAJA	X	X	✓
5	223G1R0005	ANSHU MISHRA	X	X	✓
6	223G1R0006	ASTHA SINGH	X	X	✓
7	223G1R0007	ATANU BAG	X	X	✓
8	223G1R0008	BACHALA DIVYA PRASANNA	X	X	✓
9	223G1R0009	BALUSU V S S RADHIKA KIRANMAYEE CHOWDARY	X	X	✓
10	223G1R0010	BANDARU SATYA SAI MALLESWARI	X	X	✓
11	223G1R0011	BATTULA SUNI SRI	X	X	✓
12	223G1R0012	BODDA YASASWINI	X	X	✓
13	223G1R0013	BOKKA NOHITHA SATYA	X	X	✓
14	223G1R0014	CHALLAPALLI VENKATA PAVAN	X	X	✓
15	223G1R0015	CHAPPIDI YESSICA BERNICE ANTHONY	X	X	✓



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16	223G1R0016	CHEVVAKULA SAI NAVYA SRI	X	X	✓
17	223G1R0017	CHITTOJI SUBHA SRI	X	X	✓
18	223G1R0018	DANDU DEEKSHITHA	X	X	✓
19	223G1R0020	DASARI SIVA LALITHA	X	X	✓
20	223G1R0021	DEBESH ROY	X	X	✓
21	223G1R0022	DEEKSHA SINHA	X	X	✓
22	223G1R0023	DIVVALA ABHINAV VARMA	X	X	✓
23	223G1R0024	GIDUTHURI CHAITANYA	X	X	✓
24	223G1R0025	GOBINDO GHORAI	X	X	✓
25	223G1R0026	GOMPA LALITHADEVI	X	X	✓
26	223G1R0027	GONTINA NAVYALATHA	X	X	✓
27	223G1R0028	GOURAV DUTTA	X	X	✓
28	223G1R0029	GUTHALA PRAMEELA	X	X	✓
29	223G1R0030	HITHESH GUTHULA	X	X	✓
30	223G1R0031	HUSSAM IBRAHIM ABDUL AZIZ TAHA	X	X	✓
31	223G1R0032	JUVVALA KASI ANNAPURNA	X	X	✓
32	223G1R0033	KAMIREDDI LAVANYA	X	X	✓
33	223G1R0034	KANCHI DEVI	X	X	✓
34	223G1R0035	KANCHUSTAMBAM SATYA MEHAR LAVANYA	X	X	✓
35	223G1R0036	KANDIERO KUDZAI	X	X	✓
36	223G1R0037	KANKATALA SAI DURGA	X	X	✓
37	223G1R0038	KAPPA VENKATA SRIKANTH RAJU	X	X	✓



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38	223G1R0039	KAPPALA DIVYA	X	X	✓
39	223G1R0040	KARE PUJITHA	X	X	✓
40	223G1R0041	KARMOKAR SHEELA	X	X	✓
41	223G1R0042	KARRI BHIMESWARI BHAVANI	X	X	✓
42	223G1R0043	KARRI VASANTHI GANGA	X	X	✓
43	223G1R0044	KODU BHARATHKUMAR	X	X	✓
44	223G1R0045	KOLLAPU NIKESH VARMA	X	X	✓
45	223G1R0046	KOLLIMALLA VAISHNAVI	X	X	✓
46	223G1R0047	KOMMULA LAKSHMI NAGA SRI SAI DHARANI DEVI	X	X	✓
47	223G1R0048	KONDEPUDI SANTHOSH	X	X	✓
48	223G1R0049	KOPPIREDDY DATTAKUMARI	X	X	✓
49	223G1R0050	KOPPISETTI HEMA SURYA LAKSHMI	X	X	✓
50	223G1R0051	KORUMILLI JAYA DURGA KARTHIKEYA	X	X	✓
51	223G1R0052	KOTTAKOTA SRI RANGANADHAM	X	X	✓
52	223G1R0053	KOTTAPALLI PRASANNA	X	X	✓
53	223G1R0054	KOVVURI MYDHILY TRIDEVI	X	X	✓
54	223G1R0055	KUDA LOKESH KUMAR	X	X	✓
55	223G1R0056	KUDUPUDI BHARGAVI SOWMYA	X	X	✓
56	223G1R0057	KUKKA UMA NAGA SURYA VENKAT	X	X	✓
57	223G1R0059	MADDIPATI SRI SAI ADITYA	X	X	✓



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58	223G1R0060	MAMIDIPALLI PHANI HARSHITHA	X	X	✓
59	223G1R0061	MATTA VENKATA BHAVANI PRASAD	X	X	✓
60	223G1R0062	MEDAPATI ABHINAYA SAI	X	X	✓
61	223G1R0063	MEDIDI VIJAYALAKSHMI	X	X	✓
62	223G1R0064	MHISHI KELLY RUTENDO	X	X	✓
63	223G1R0065	MOMISA ROY	X	X	✓
64	223G1R0066	MUTAPE CHANTELE L	X	X	✓
65	223G1R0067	MUZANEMBI PRIDE TAKUDZWA	X	X	✓
66	223G1R0068	NADADHURU SRI SUSMITHA	X	X	✓
67	223G1R0069	NAGIREDDY GAYATRI SATYA DEVI	X	X	✓
68	223G1R0070	NALLAMILLI HARIKA SATYA SRI CHANDANA	X	X	✓
69	223G1R0071	NANDIPATI BHAVYASRI	X	X	✓
70	223G1R0072	NDACHENGEDZWA SUHAILAH FAITH	X	X	✓
71	223G1R0073	NHIRA ASHLEY NATSAI	X	X	✓
72	223G1R0074	NISHA KUMARI	X	X	✓
73	223G1R0075	NUNNA ISWARYA	X	X	✓
74	223G1R0076	OM MUKHERJEE	X	X	✓
75	223G1R0077	PABITRA JANA	X	X	✓
76	223G1R0078	PALADUGULA LAKSHMI BHAVISHYA	X	X	✓



77	223G1R0079	PANDI YASWANATH KUMAR	X	X	✓
78	223G1R0080	PEELA DINESH	X	X	✓
79	223G1R0081	PERUMALLA ADI LAKSHMI DURGA	X	X	✓
80	223G1R0082	PITTA CHANDINI	X	X	✓
81	223G1R0083	POLEPALLI VEERA MADHURI	X	X	✓
82	223G1R0084	PRATIM MAHAKUL	X	X	✓
83	223G1R0085	PRATYUSH KUMAR	X	X	✓
84	223G1R0086	PUTHIKA PRIYA JASMIN	X	X	✓
85	223G1R0087	RAJANA SARAYU PALLAVI	X	X	✓
86	223G1R0088	RAMANUJAM PAVANI	X	X	✓
87	223G1R0089	RAMOJU MARYCHANDINI	X	X	✓
88	223G1R0090	REHAN FAZAL	X	X	✓
89	223G1R0091	RITIK KUMAR	X	X	✓
90	223G1R0092	SABELLA SATWIKA REDDY	X	X	✓
91	223G1R0093	SADHANALA SATYA PADMAJA	X	X	✓
92	223G1R0094	SADHU RAKESH KUMAR	X	X	✓
93	223G1R0095	SANNAPU AKHILA	X	X	✓
94	223G1R0096	SARAKULA KEERTHI	X	X	✓
95	223G1R0097	SARAMPATI VISHNU SURYAKALA	X	X	✓
96	223G1R0098	SAVARA PRAVEEN KUMAR	X	X	✓
97	223G1R0099	SAYYAD RAHIMUNNISA	X	X	✓
98	223G1R00A0	SHAHZADA AFAQ	X	X	✓
99	223G1R00A1	SHAIK AYESHA	X	X	✓




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100	223G1R00A2	SHAIK HUSUNA	X	X	✓
101	223G1R00A3	SHAIK MUNNAPH	X	X	✓
102	223G1R00A4	SOUMAJIT BERA	X	X	✓
103	223G1R00A5	SOUMIK JANA	X	X	✓
104	223G1R00A6	SRI SUSRITHA DUNNA	X	X	✓
105	223G1R00A7	SUBHASIS GHOSH	X	X	✓
106	223G1R00A8	TEKI SWATHI REVATHI NAGA LAKSHMI	X	X	✓
107	223G1R00A9	TELAGAREDDI SRIVALLI	X	X	✓
108	223G1R00B0	TELLAM VARSHINI	X	X	✓
109	223G1R00B1	UTLAGARI SHARATH KUMAR	X	X	✓
110	223G1R00B2	VARRI AMBICA TARUNI	X	X	✓
111	223G1R00B3	VENNAPU BLESSYSRI	X	X	✓
112	223G1R00B4	YARRA PALLAVI	X	X	✓
113	223G1R00B5	YEGI SIRISHA	X	X	✓
114	223G1R00B6	YERRAMSETTI GOWTHAM SAI KUMAR	X	X	✓
115	223G1R00B7	CHAGANTI BALA ABHINAYA	X	X	✓




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II. B.PHARMACY

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	213G1R0001	ADDALA MAHESH	X	X	✓
2	213G1R0002	AKULA NEELA VENKATA SAI SANDHYA	X	X	✓
3	213G1R0003	AMBATI BHAVYA SAI SRI	X	X	✓
4	213G1R0004	AMBATI CHAKRA JYOTHI	X	X	✓
5	213G1R0006	BANDISURI SAHEEDA BEGAM	X	X	✓
6	213G1R0007	BEEDAM ASHA	X	X	✓
7	213G1R0008	BONDU MOTHER THERESSA	X	X	✓
8	213G1R0009	CHIKATI BALAJI	X	X	✓
9	213G1R0010	CHINNI VEERA VENKATA MALLESWARI	X	X	✓
10	213G1R0011	CHINTA ALEKHYA	X	X	✓
11	213G1R0012	CHINTA JAYA SIVA SWAROOP	X	X	✓
12	213G1R0013	CHIRRA MARGREAT HELEENA	X	X	✓
13	213G1R0014	CHITNEEDI LAKSHMI GEETHIKA	X	X	✓
14	213G1R0015	CHUNDURI HARSHINI	X	X	✓
15	213G1R0016	DODDA LIKHITHA	X	X	✓
16	213G1R0017	DOKKADI KEERTHANA SRUJANI	X	X	✓
17	213G1R0018	GADA VANDANA	X	X	✓
18	213G1R0019	GAMIDI SAI TEJASWINI	X	X	✓
19	213G1R0020	GEDELA AJAY SAI	X	X	✓
20	213G1R0021	GOLLAPALLI CHANDRA SHEKHAR	X	X	✓



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21	213G1R0022	GOMPA SANDHYA	X	X	✓
22	213G1R0023	GOPA MEENAKSHI	X	X	✓
23	213G1R0024	GUTTULA BHUVANESWARI	X	X	✓
24	213G1R0025	JALAGADUGULA JAYASREE	X	X	✓
25	213G1R0026	KADALI SWATHI	X	X	✓
26	213G1R0027	KARRI PAVANI SRIVIDYA	X	X	✓
27	213G1R0028	KASA SHANMUKHA	X	X	✓
28	213G1R0029	KINTHADA TEJASWINI	X	X	✓
29	213G1R0030	KONDAPALLI VISHNU MANISANKAR ANJALI KUMAR	X	X	✓
30	213G1R0031	KORAMATI HANSIKA	X	X	✓
31	213G1R0032	KORAMATI HARIKA	X	X	✓
32	213G1R0033	KOTA HEPSIBA	X	X	✓
33	213G1R0034	MADAVARAPU RAMA LAKSHMI	X	X	✓
34	213G1R0035	MADDALA HARI CHANDANA SRI LAVANYA	X	X	✓
35	213G1R0036	MADDURI SIVAMANI	X	X	✓
36	213G1R0037	MAKIREDDI RAJESWARI	X	X	✓
37	213G1R0038	MANCHALA PHANI SRI HARSHITA	X	X	✓
38	213G1R0039	NIKHIL JILLELLA	X	X	✓
39	213G1R0040	PALA SATYANARAYANA RAJU	X	X	✓
40	213G1R0041	ALLAKA CHANDINI	X	X	✓
41	213G1R0042	ANATHBANDHU DE	X	X	✓
42	213G1R0043	ANKUR ACHERJEE	X	X	✓
43	213G1R0044	BINOY DAS	X	X	✓
44	213G1R0045	BIRESWAR DHABAL	X	X	✓



45	213G1R0046	BUGATA SURYA BHAVYESH	X	X	✓
46	213G1R0047	GUTHULA HARITHA	X	X	✓
47	213G1R0048	HITESH RAJ MANDAL	X	X	✓
48	213G1R0049	KARRI LAKSHMI KSHEERAJA	X	X	✓
49	213G1R0050	MAYANK MISHRA	X	X	✓
50	213G1R0051	PAMPANA SNEHALATHA	X	X	✓
51	213G1R0052	PITHANI MONIKA	X	X	✓
52	213G1R0053	PONNADA SUPRIYA	X	X	✓
53	213G1R0054	PUDI HEMANTH KUMAR	X	X	✓
54	213G1R0055	PUTTA SAI SOWMYA	X	X	✓
55	213G1R0056	R V ROHAN REDDY CHINTAPALLI	X	X	✓
56	213G1R0057	RELANGI LALI MUTYA NANDINI	X	X	✓
57	213G1R0058	SALADI VENKATA MARUTHI NAGA SATYA RAVI	X	X	✓
58	213G1R0059	SAMPATIRAO YASWANTH	X	X	✓
59	213G1R0060	SEELAM SIVAMANI	X	X	✓
60	213G1R0061	SHAIK FAISAL IQBAL	X	X	✓
61	213G1R0062	SIRAM SRIYA AKANKSHA	X	X	✓
62	213G1R0063	SRIPADAM KAVYA SRI	X	X	✓
63	213G1R0064	SUPRIYA KAKI	X	X	✓
64	213G1R0065	SURNI SIRISHA	X	X	✓
65	213G1R0066	TETALA SRI AMRUTHA VARSHINI	X	X	✓
66	213G1R0067	TETALI PRASANNA	X	X	✓
67	213G1R0068	THIRNATI J S R VIJAYADURGA NAGALAKSHMI	X	X	✓
68	213G1R0069	BHOGIREDDI SRI NAGA VENKATA	X	X	✓



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		PRATYUSHA			
69	213G1R0070	DENDUKURI DURGA PRASAD RAJU	X	X	✓
70	213G1R0071	DHARANALAKOTA SATYA SYAMALA SRIJA	X	X	✓
71	213G1R0072	EDUBILLI GUNAVANTH	X	X	✓
72	213G1R0073	KOLA GEETHIKA SRI DEVI ISWARYA	X	X	✓
73	213G1R0074	SATHI SUDEEPA REDDY	X	X	✓
74	213G1R0075	YANAMADALA PRANEETHA	X	X	✓
75	213G1R0076	BERAKA SUCHITRA	X	X	✓
76	213G1R0077	MALLIPATI SUMITRA	X	X	✓
77	213G1R0078	NARENDRAVARAPU PHANI SAI RAM	X	X	✓
78	213G1R0079	RAJANA NAMITHA DURGA SAI	X	X	✓
79	213G1R0080	ROUTHU SAI KUMAR	X	X	✓
80	213G1R0081	SINGAMPALLI SAI MOUNIKA	X	X	✓
81	213G1R0082	ULLI LIKHITHA SATISH	X	X	✓
82	213G1R0083	VEERNA HARINI TEJA SRI	X	X	✓
83	213G1R0084	KOUSHIK SASMAL	X	X	✓
84	213G1R0085	MEGHANA ENIMIREDDY	X	X	✓
85	213G1R0086	PREM KUMAR	X	X	✓
86	213G1R0087	SALADI JAHNAVI NAGA CHAMANTHA	X	X	✓
87	213G1R0088	SANJOY KUNDU	X	X	✓
88	213G1R0089	SATHI RUPA SRI SAI MAHA LAKSHMI	X	X	✓
89	213G1R0090	SHAIK BASHEERUNNISA	X	X	✓
90	213G1R0091	SHIVANI KUMARI	X	X	✓
91	213G1R0092	SUBHA SABDAKAR	X	X	✓



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92	213G1R0093	SUBHAM MONDAL	X	X	✓
93	213G1R0094	SUBHAMOY TEWARY	X	X	✓
94	213G1R0095	SUVVANA DEVI	X	X	✓
95	213G1R0096	GOPI NAGA SAI SANDEEP	X	X	✓
96	213G1R0097	PATHIKA HARITHA	X	X	✓
97	213G1R0098	VISWANADUNI UDAY	X	X	✓




Aditya Engineering College
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III. B.PHARMACY

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	203G1R0001	AAVALA DEEPIKA	X	X	✓
2	203G1R0002	ADAPA VIJAY KUMAR	X	X	✓
3	203G1R0003	ADHIKARI VARSHA ANUPAMA	X	X	✓
4	203G1R0004	ALLIMPALLI MADHURI DEVI	X	X	✓
5	203G1R0005	ALLU KESAVARDHINI	X	X	✓
6	203G1R0006	ANIMIREDDI JYOTHI VARAPRASAD	X	X	✓
7	203G1R0007	ANISETTI MANIKANTA	X	X	✓
8	203G1R0008	ANNE SAI SREENIVAS	X	X	✓
9	203G1R0009	BANDARU SAI DURGA	X	X	✓
10	203G1R0010	BODDU SAI SRI VANDANA	X	X	✓
11	203G1R0011	BOJJA VASANTHA	X	X	✓
12	203G1R0012	BORRA VIGNITA	X	X	✓
13	203G1R0013	CHAKKA DIMPULE SRI CHANDRIKA	X	X	✓
14	203G1R0015	CHERUVUPALLI SREENU	X	X	✓
15	203G1R0016	CHINTHA GAYATHRI MANISHA	X	X	✓
16	203G1R0017	CHITRADA SATISH	X	X	✓
17	203G1R0018	CHITTIBOMMA SIVA NANDHINI	X	X	✓
18	203G1R0019	CHOLLA VAMSI VIKRAM	X	X	✓
19	203G1R0020	DANDUPROLU SANDYA	X	X	✓
20	203G1R0021	DATLA CHANDANA SRI	X	X	✓
21	203G1R0022	DEYYALA LAXMAN	X	X	✓



PRINCIPAL
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22	203G1R0023	GAMIDI SRAVYA	X	X	✓
23	203G1R0024	GEESALA AMUKTHA	X	X	✓
24	203G1R0025	GRANDHI LAKSHMI VAISHNAVI	X	X	✓
25	203G1R0026	GUBBALA KEERTHI	X	X	✓
26	203G1R0027	GUBBALA RUTH CHANDRIKA	X	X	✓
27	203G1R0028	GUNNAM SARANYA	X	X	✓
28	203G1R0029	GURUBILLI SIVAKUMAR	X	X	✓
29	203G1R0030	IMMIDISETTI TEJASWINI	X	X	✓
30	203G1R0031	INAKOTI SONIYA SANTI	X	X	✓
31	203G1R0032	KEDARISETTY MEGHNA KAVYA	X	X	✓
32	203G1R0033	KAKI MEGHANA	X	X	✓
33	203G1R0034	KALADI DEEPIKA	X	X	✓
34	203G1R0035	KALADI SATYA SRI	X	X	✓
35	203G1R0036	KANDULA D VEERA VENKATA LAXMI SURENDRA	X	X	✓
36	203G1R0037	KANDULA PRAVEEN	X	X	✓
37	203G1R0038	KARRI PAVANI SRI SAI ANVITHA	X	X	✓
38	203G1R0039	KEDARISETTI NAGA SAI SATYAKUMARI	X	X	✓
39	203G1R0040	KETIREDDI NAGA VENKATA SRI LAKSHMI MOHITI	X	X	✓
40	203G1R0041	KILLI NEELIMA	X	X	✓
41	203G1R0042	KOSANAM SIVAGANGA	X	X	✓
42	203G1R0043	MANE BOOMICA	X	X	✓
43	203G1R0044	MATCHA SAILAJA	X	X	✓
44	203G1R0045	MOHAMMAD ABDUL RAHIM	X	X	✓
45	203G1R0046	MOHAMMED YUSUF	X	X	✓
46	203G1R0047	MORTHA BESODYAN SATYAM	X	X	✓
47	203G1R0048	NAILAMELLI ANITHA	X	X	✓

48	203G1R0049	NAMBALLA BHARGAVI	X	X	✓
49	203G1R0050	OBILISSETTI GOWRI APARNA RAJESWARI	X	X	✓
50	203G1R0051	PALAPARTHI VEERA GANI LAKSHMI	X	X	✓
51	203G1R0052	POTTIKA HEMAVATHI	X	X	✓
52	203G1R0053	RANGANADHAM MOUNIKA	X	X	✓
53	203G1R0054	SALADI SAI SRIRAM	X	X	✓
54	203G1R0055	SEELA PRADEEP	X	X	✓
55	203G1R0056	SEELAM LEELAVATHI	X	X	✓
56	203G1R0057	SETTI AMRUTHA SRI	X	X	✓
57	203G1R0058	SIDDABATTULA SRAVANTHI	X	X	✓
58	203G1R0059	SUMA LAHARI KANUPURI	X	X	✓
59	203G1R0060	SURAMPUDI BHAGYA SRI	X	X	✓
60	203G1R0061	TADALA MANIKANTA	X	X	✓
61	203G1R0062	TURIBATLA SRI MERCY	X	X	✓
62	203G1R0063	V V SATYA SAI BHUMIKA NAKKA	X	X	✓
63	203G1R0064	YALAGAPATI SONAPADMINI	X	X	✓
64	203G1R0066	DHAVILESWARAPU NAGA SIVANI	X	X	✓
65	203G1R0067	DODDIPATLA RAMAKRISHNA	X	X	✓
66	203G1R0068	LAKSHMI RATNA SREE KANCHARLA	X	X	✓
67	203G1R0069	SANA NAGA SATISH	X	X	✓
68	203G1R0070	SOUMYA SAMANTA	X	X	✓
69	203G1R0071	PRIYANKA CHOUDHARY	X	X	✓
70	203G1R0072	RAUSHAN KUMAR YADAV	X	X	✓
71	203G1R0074	PAWAN KUMAR	X	X	✓
72	203G1R0075	SIMRAN	X	X	✓



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73	203G1R0076	PREMABATI KUMARI SINGH	X	X	✓
74	203G1R0077	PRATIYUSH SRIVASTAVA	X	X	✓
75	203G1R0078	MUSUNOORI TEJASWI	X	X	✓
76	203G1R0079	AMAN BACHHAR	X	X	✓
77	203G1R0080	SOURAV CHAKRABORTY	X	X	✓
78	203G1R0081	EDALA SRI SINDHU	X	X	✓
79	203G1R0082	RABINDRA PRASAD YADAV	X	X	✓
80	203G1R0083	MOHAMMED DANISH RAFI KIIAN	X	X	✓
81	203G1R0084	SHEKH ABDUL AHAD	X	X	✓
82	203G1R0085	NARAYAN YADAV	X	X	✓
83	203G1R0086	SONU TELI	X	X	✓
84	203G1R0087	DWARAMPUDI SAI DEEPTHI RANI	X	X	✓
85	203G1R0088	NITESH KUMAR YADAV	X	X	✓
86	203G1R0089	U LAKSHMI SATYA TULASI KOTHAPALLI	X	X	✓
87	203G1R0090	KOPPULA MANASWI	X	X	✓
88	203G1R0091	RAJANA ALEKHYA	X	X	✓
89	203G1R0092	PUROHITH PANJI	X	X	✓
90	203G1R0093	RABINDRA KUMAR CHAUDHARY	X	X	✓
91	203G1R0094	MOGILIKOLLA SURESH	X	X	✓
92	203G1R0095	YAKA VANI DURGA PRASANNA	X	X	✓
93	203G1R0096	BIKASH BARUAH	X	X	✓
94	203G1R0097	MANDAPAKA SUDHA MANJOOSHA	X	X	✓
95	203G1R0098	GANDHAM SIVA PRASAD	X	X	✓
96	203G1R0099	CHALLAPALLI UDAYA SANDHYA	X	X	✓
97	193G1R00B4	AVINASH RANJAN SAH	X	X	✓



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Web: www.adityapharmacy.edu.in

IV B.PHARMACY

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	193G1R0001	AMAN MANDAL	✓	X	✓
2	193G1R0002	ANJALI CHAUDHARY	✓	✓	✓
3	193G1R0003	ANJALI MISHRA	✓	✓	✓
4	193G1R0004	ANKIT DEY	✓	X	✓
5	193G1R0008	AROMA BAKOR WANN	✓	✓	✓
6	193G1R0009	ASHIMAWY SIBERT CHOKUPFEKEDZA	✓	✓	✓
7	193G1R0010	AVASARALA SATWIKI	✓	✓	✓
8	193G1R0011	AVINASH KUMAR SIKRIWAL	✓	✓	✓
9	193G1R0012	LIANG CHUOL LIANG AYOK	✓	X	✓
10	193G1R0013	BANDARULANKA SAIKIRAN	✓	X	✓
11	193G1R0014	BHEEMIREDDI RAJANI	✓	X	✓
12	193G1R0015	BIBEKANAND CHAUDHARY	✓	✓	✓
13	193G1R0016	BIKKINA VENKATA DURGADEVI	✓	X	✓
14	193G1R0017	BOKKA NAGA SRAVYA	✓	✓	✓
15	193G1R0019	CHAJEN GATLUAK DENG GARANG	✓	X	✓
16	193G1R0020	CHERUKU NAGA DURGA PRAVALLIKA	✓	✓	✓



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17	193G1R0021	CHINTHAKULA TEJASWINI	✓	X	✓
18	193G1R0022	DARA TONY PRIYANKA	✓	X	✓
19	193G1R0023	DEBASHISH GHOSH	✓	X	✓
20	193G1R0024	DEYYALA SARITHA	✓	✓	✓
21	193G1R0025	EDALA NAVYA SRI LEKHA	✓	X	✓
22	193G1R0026	GARIKINA BABUJI	✓	X	✓
23	193G1R0027	GAYATRI MUKHI	✓	X	✓
24	193G1R0028	GEDELA YAMINI NAGADEVI	✓	✓	✓
25	193G1R0029	GEESALA SURYA NAGA LAKSHMI	✓	X	✓
26	193G1R0030	GELAM HARIKA VENKATA NAGA SRI	✓	X	✓
27	193G1R0031	GIRIJALA ANITHA	✓	✓	✓
28	193G1R0032	GRANDHI SATYA SNEHAJA	✓	✓	✓
29	193G1R0033	GUNNAM BHAVYA TEJASWI	✓	✓	✓
30	193G1R0034	GUTHURTHI GOWRI PRASANNA	✓	X	✓
31	193G1R0035	IJJINA MANORANJANI	✓	✓	✓
32	193G1R0036	ILLA SARIKA SUPRIYA	✓	✓	✓
33	193G1R0037	ISTAKHAR AHMED	✓	X	✓
34	193G1R0039	KADULURI DEVI GANGA VIJAYA SIVANI	✓	X	✓
35	193G1R0040	KAKI SUPRAJA	✓	✓	✓
36	193G1R0041	KALAM SHEKH	✓	✓	✓
37	193G1R0042	KAMPA SUDHEER KUMAR	✓	X	✓



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SUNABALEM-01

38	193G1R0043	KANCHARLA UDAYA BHANU	✓	✓	✓
39	193G1R0044	KARRI UMA TRILOKA	✓	✓	✓
40	193G1R0045	KATTA VANDANA	✓	✓	✓
41	193G1R0046	KAUSTUBH PRIYANSIU	✓	X	✓
42	193G1R0047	KETHA LAKSHMI BHAVANI	✓	X	✓
43	193G1R0048	KILARI VENKATADEEPIKA	✓	X	✓
44	193G1R0049	VANESSA WILLIAMS KISAKYE	✓	✓	✓
45	193G1R0050	KOMBATHULA LISA	✓	X	✓
46	193G1R0051	KORASIKA ALEKYA	✓	✓	✓
47	193G1R0052	KRISHNA KUNAL	✓	X	✓
48	193G1R0053	KUNDRAPU VARSIIITHA	✓	X	✓
49	193G1R0054	KUSHUM PAUL	✓	X	✓
50	193G1R0055	ABEL NKUNKA KYEMBE	✓	X	✓
51	193G1R0056	MADANA UMA RAJESWARI	✓	✓	✓
52	193G1R0057	MANIKALA SAI DEEPIKA	✓	X	✓
53	193G1R0058	MATTA SUJITHA	✓	X	✓
54	193G1R0060	MERUGU SIRISHA	✓	X	✓
55	193G1R0061	MITIILESH KUMAR CHIAUHAN	✓	X	✓
56	193G1R0062	MOKKAPATI LAHARI	✓	X	✓
57	193G1R0063	MOMA YAKUB PETER JALE	✓	X	✓
58	193G1R0064	MUCHERLA SRI BHANU RAMA PRAVALLIKA	✓	X	✓
59	193G1R0065	MUDDANA JAGADISWARI	✓	X	✓



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60	193G1R0066	NARSIPUDI SANDHYA	✓	X	✓
61	193G1R0067	NIKITA TOPPO	✓	X	✓
62	193G1R0068	NIRAJ PRASAD YADAV	✓	✓	✓
63	193G1R0069	OM PRAKASH THAKUR	✓	✓	✓
64	193G1R0070	P LAKSHMI BHAVANI	✓	X	✓
65	193G1R0071	PALEPU MURALIDHAR RAJU	✓	X	✓
66	193G1R0072	PALINA SHARON PRIYANKA	✓	X	✓
67	193G1R0073	PALIVELA SAHITHI	✓	X	✓
68	193G1R0074	PAMPANA PRASANNA VENI	✓	X	✓
69	193G1R0075	PANDRANGI SATYA LAKSHMI	✓	X	✓
70	193G1R0076	PRASENJIT SARKAR	✓	X	✓
71	193G1R0077	PRATIM BHATTACHERJEE	✓	X	✓
72	193G1R0078	PRITI MALLIK	✓	X	✓
73	193G1R0079	PULUGURTHA SUBHASHIITHA	✓	✓	✓
74	193G1R0080	PADALA RAJANI	✓	X	✓
75	193G1R0081	RAJPRIYA HIMANSHU	✓	X	✓
76	193G1R0082	RANI PRASAD	✓	✓	✓
77	193G1R0083	RIYA KUMARI	✓	X	✓
78	193G1R0084	SANJEET KUMAR	✓	X	✓
79	193G1R0085	SAPPA JYOTHI SAI DURGA ANITHA	✓	X	✓
80	193G1R0086	SARANAN KUMAR	✓	X	✓
81	193G1R0087	SAVARAPU ANUSHA SNIGDHA	✓	X	✓
82	193G1R0088	SHAIK SUHAN BEGAM	✓	X	✓

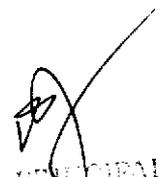



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83	193G1R0089	SHAMIK MONDAL	✓	✓	✓
84	193G1R0091	SOUMIK BOSE	✓	X	✓
85	193G1R0093	SRIKAKOLAPU LAKSHMANA NAGA KIRAN	✓	X	✓
86	193G1R0094	SUNDAY GOCH KUR DENG	✓	✓	✓
87	193G1R0095	SUNKARA SURYA KIRAN	✓	X	✓
88	193G1R0096	SUSIIL KUMAR	✓	X	✓
89	193G1R0097	SWAMIREDDY MAHA LAKSHMI	✓	X	✓
90	193G1R0098	SWEETY CHYRMANG	✓	✓	✓
91	193G1R0099	TESLOACHI BUOM THILUANG DHUORJAK	✓	X	✓
92	193G1R00A0	THUMMALAPALLI NAVYA	✓	X	✓
93	193G1R00A1	TINASHE MUFUDZA	✓	✓	✓
94	193G1R00A2	TIPPANI BIARGAVI	✓	X	✓
95	193G1R00A3	VANAPALLI SUSMITHA	✓	✓	✓
96	193G1R00A4	VELISETTI VENKATA RAMA KRISHNA CHAITANYA	✓	X	✓
97	193G1R00A5	YERRAMILLI SRIDATTA AGASTIYA NIKHIL TILAK	✓	X	✓
98	193G1R00A6	AKI NIKITIA SAI PADMA	✓	X	✓
99	193G1R00A7	CHALLA PRAVEEN KUMAR	✓	X	✓
100	193G1R00A8	MD SAIFUL ISLAM	✓	✓	✓
101	193G1R00A9	ALISHA KHANAM	✓	X	✓
102	193G1R00B1	MUNGALLA SURYA VASANTHA LAKSHMI	✓	X	✓
103	193G1R00B4	AVINASH RANJAN SAH	✓	✓	✓
104	193G1R00B5	MD MANAUL ANSARY	✓	✓	✓

105	183GIR0072	POLISETTI GEETHA SATYA SRI	✓	X	✓
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II M.PHARMACY (PHARMACEUTICS)

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	213G1S0301	NARRA SRIBHAVYA	X	X	X
2	213G1S0302	PECHETTI SAI KIRAN	X	X	X
3	213G1S0303	RASAMSETTI D V ATCHUTHA LAKSHMI	✓	X	X
4	213G1S0304	RATNALA SHARMILA	✓	X	X




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II M.PHARMACY (ANALYSIS)

Experiential learning through project work/ Internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	213G1S1601	KAKARLA DEVI LALITHA SRI	✓	X	X
2	213G1S1602	KATE BHAVITHA	✓	X	X
3	213G1S1603	POLIMERA SRI CHANDANA	✓	X	X




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I.PHARM.D

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	223G1T0002	AMALAKOTA LALASA	X	X	✓
2	223G1T0004	BACHALA CHARAN TEJA	X	X	✓
3	223G1T0005	BALLA SARANYA	X	X	✓
4	223G1T0006	BANDARI SURYA UDAY KUMAR	X	X	✓
5	223G1T0007	BOMMETI ASHA JYOTHI	X	X	✓
6	223G1T0008	CHINTHALA SNEHA LATHA	X	X	✓
7	223G1T0009	DAIDA PREETHI SOWMYA	X	X	✓
8	223G1T0010	DAKARAPU SRI NAGADURGA SATHISH	X	X	✓
9	223G1T0011	GANDI DHANA POOJITHA	X	X	✓
10	223G1T0012	GOKAVARAPU MANI KARTHIK	X	X	✓
11	223G1T0013	GOPI SAIVARA POOJA	X	X	✓
12	223G1T0014	GUTHALA VARSHA SRI	X	X	✓
13	223G1T0015	KOKKU KOMALA AISWARYA	X	X	✓
14	223G1T0016	KONDEPUDI BHAGYASRI SAI VENKATA LALITHA	X	X	✓
15	223G1T0017	KORANGI PRASANNA VEERAVENKATA VIGNESH	X	X	✓



(Handwritten Signature)

		RAJU			
16	223G1T0018	KUNDETI SRILAKSHMI	X	X	✓
17	223G1T0019	MAHADEB DAS	X	X	✓
18	223G1T0020	MOGALI VEDA AISHNI	X	X	✓
19	223G1T0021	NAGANABOYINA JHANSI	X	X	✓
20	223G1T0022	NURUKURTHI SATYA VARSHINI	X	X	✓
21	223G1T0023	PANDI DHANYA	X	X	✓
22	223G1T0024	PEDAPATI DURGA SAI SURYA PRANEETH KUMAR	X	X	✓
23	223G1T0025	RAVI VENKATA RISHITHA	X	X	✓
24	223G1T0027	SURADA SIVA NAGA MANINDRA	X	X	✓
25	223G1T0029	VADAVELLI ANITHA	X	X	✓
26	223G1T0030	VAKACHARLA BHUVAN BHASKAR	X	X	✓
27	223G1T0031	VEERAVENI CHAPPIDI	X	X	✓



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II.PHARM.D

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	213G1T0001	ABBURI SRI SATYA SHINNEY	X	X	✓
2	213G1T0002	ALLU KAVITHA	X	X	✓
3	213G1T0003	BALLA SRI KRISHNA VENI	X	X	✓
4	213G1T0004	BORA SAI LAKSHMI	X	X	✓
5	213G1T0005	BORUSU BALAVENDRA SRINIVAS	X	X	✓
6	213G1T0006	CHANDANA JAHNAVI	X	X	✓
7	213G1T0007	DHAUMYA MAHAPATRA	X	X	✓
8	213G1T0008	DIPCHAND SHIT	X	X	✓
9	213G1T0009	DONA SATYA SRIHARSHA ARADADI	X	X	✓
10	213G1T0010	GURRALA DIVYASRI	X	X	✓
11	213G1T0011	JANIPALLI SAMYA	X	X	✓
12	213G1T0012	JYOTIRMOY PATI	X	X	✓
13	213G1T0013	KANURI VEERA MADHAVA LAKSHMI	X	X	✓
14	213G1T0014	KAVYA NAGA PRAVEENA JAKKA	X	X	✓
15	213G1T0015	KOPPISETTI ISWARYA VANI	X	X	✓



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16	213G1T0016	MD ASIF	X	X	✓
17	213G1T0017	MUDAVATH PRASANTH NAIK	X	X	✓
18	213G1T0018	PARIMI LIKITHA	X	X	✓
19	213G1T0019	RAMOJU LAKSHMI DEVI LAHARI	X	X	✓
20	213G1T0020	VATRAPU MANIKANTA REDDY	X	X	✓




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III.PHARM.D

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	203G1T0001	ACHANTA LOKESH	X	X	✓
2	203G1T0002	BOMMETI SARA AISWARYA	X	X	✓
3	203G1T0003	BUDATI MOUNIKA	X	X	✓
4	203G1T0005	DANDIPATI LALITHA MAHESWARI	X	X	✓
5	203G1T0006	ENJETI SUSHMA	X	X	✓
6	203G1T0007	G SHREYA RAJ	X	X	✓
7	203G1T0008	GUDIMETTLA HIMA BINDU	X	X	✓
8	203G1T0010	KAVURU SRAVAN SAI	X	X	✓
9	203G1T0011	MERUGU DIVYA	X	X	✓
10	203G1T0012	PETTA SHINY	X	X	✓
11	203G1T0013	PINIPE MERCY	X	X	✓
12	203G1T0016	RAJANA PADMAJA	X	X	✓
13	203G1T0017	RAMBUDDI PRIYANKA	X	X	✓
14	203G1T0018	RITON SHIL	X	X	✓
15	203G1T0019	SANIVARAPU PUSHPA SATYA MAHALAKSHMI	X	X	✓
16	203G1T0020	SOWJANYA GANDI	X	X	✓
17	203G1T0021	TEJASWI PHANINDHRA YELCHURI	X	X	✓
18	203G1T0022	TEKUMUDI MANJARI	X	X	✓
19	203G1T0023	KOLLU ESWAR SAI KIRAN	X	X	✓
20	203G1T0025	MEHDI MOHAMMAD MOZADDEDI	X	X	✓




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IV.PHARM.D

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	193G1T0001	AKASAPU MADHURI	X	X	✓
2	193G1T0002	ALLAVARAPU MANOGNA	X	X	✓
3	193G1T0003	BATHULA AMULYA	X	X	✓
4	193G1T0004	BOKKA PRADEEPTHI	X	X	✓
5	193G1T0005	CHIKKALA BHAGYA ARUNA	X	X	✓
6	193G1T0006	CHILAKA SWARNA KISHORE	X	X	✓
7	193G1T0007	DHANDUPROLU SATISH	X	X	✓
8	193G1T0008	DUDA SHAKINA	X	X	✓
9	193G1T0009	ESHITA LAL	X	X	✓
10	193G1T0010	GIDLA HEPZIBAH RANI	X	X	✓
11	193G1T0011	GUDIVADA SANKEERTHANA	X	X	✓
12	193G1T0012	JAKKULA SUPRIYA	X	X	✓
13	193G1T0013	LALAM MOUNIKA	X	X	✓
14	193G1T0014	MANISHA LAHKAR	X	X	✓
15	193G1T0015	NIRMALYA ROY	X	X	✓
16	193G1T0016	NISHAR AHMED	X	X	✓
17	193G1T0017	RISHAV	X	X	✓
18	193G1T0018	SANKHANIL PANDA	X	X	✓
19	193G1T0019	SONGA PREMCHAND	X	X	✓
20	193G1T0021	THOTA THANMAYI SAI LAKSHMI	X	X	✓
21	193G1T0022	VANARASI SRI SATYA MANOJNA NAIDU	X	X	✓



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22	193G1T0023	VEMANA HEMA RATNA SAI LAKSHMI	X	X	✓
23	193G1T0024	YATI RAJ	X	X	✓
24	193G1T0025	YOGANANDAM SUHARIKA	X	X	✓
25	193G1T0026	KALIGITHI SUNANDA	X	X	✓
26	193G1T0027	KALLEPALLI DEEVENA DAS	X	X	✓
27	193G1T0029	KONIDENI VENKATA SAI CHARAN	X	X	✓
28	193G1T0030	ULISI LAKSHMI SRI VENKATA NARAYANA	X	X	✓



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V.PHARM.D

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	183G1T0001	ALEENA ROY	✓	X	✓
2	183G1T0002	ARITRA PAL	✓	X	✓
3	183G1T0003	ASISH BHANJA	✓	X	✓
4	183G1T0004	BASHONGDOR MARWEIN	✓	X	✓
5	183G1T0005	BENDURTHI CHANDANA DIVYA	✓	X	✓
6	183G1T0006	CHIKKALA LAKSHMI RENUKA	✓	X	✓
7	183G1T0007	DHULPUDI SRI SATYA SIRISHA	✓	X	✓
8	183G1T0008	GARAGA BHARGAVI	✓	X	✓
9	183G1T0009	GEDDAM VINEESHA	✓	X	✓
10	183G1T0010	GIDUTHURI NAVYA MANASA	✓	X	✓
11	183G1T0011	GOGULAMANDA RUPA LAVANYA	✓	X	✓
12	183G1T0012	KANDAVALLI HARITHA	✓	X	✓
13	183G1T0013	KANDREGULA PRIYANKA	✓	X	✓
14	183G1T0014	KASTURI DE	✓	X	✓
15	183G1T0015	KUMAR SANU	✓	X	✓
16	183G1T0016	NALLI MINISHA	✓	X	✓
17	183G1T0017	NARUTTAM DEBNATH	✓	X	✓
18	183G1T0018	PALIVELA NANDINI	✓	X	✓
19	183G1T0019	PALLI WILLIAMS	✓	X	✓
20	183G1T0020	PERURI JESSI	✓	X	✓
21	183G1T0021	RAVADA SATYA NAGA VINAY			



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22	183G1T0022	SUMAN SASMAL	✓	X	✓
23	183G1T0023	YARRA HEMA LATHA	✓	X	✓
24	183G1T0024	BIPIN SAH	✓	X	✓
25	173G1T0019	ARKA GOSH	✓	X	✓
26	173G1T0002	ANURAG KASHYAP	✓	X	✓




Suman Sasmal
Yarra Hema Latha
Bipin Sah
Arka Gosh
Anurag Kashyap

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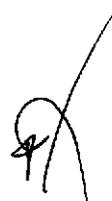
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VI.PHARM.D

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	173G1T0001	ANANYA HAZRA	X	✓	X
2	173G1T0003	DENA BIJU	X	✓	X
3	173G1T0004	GUBBALA NAVYA SRI	X	✓	X
4	173G1T0005	GUDALA PREETHI SHARON	X	✓	X
5	173G1T0006	OGBODO CHIELOKA OBETA	X	✓	X
6	173G1T0007	KANURI JYOTHI	X	✓	X
7	173G1T0008	KORANGI PUJITHA	X	✓	X
8	173G1T0010	NAKKA ANAND RAJU	X	✓	X
9	173G1T0011	NALLAPARAJU LALITHA SANJANA	X	✓	X
10	173G1T0012	NARAPUREDDI AMRUTHA	X	✓	X
11	173G1T0013	PALLETI DIVYA	X	✓	X
12	173G1T0014	PILLA LALITHA SAI CHANDANA	X	✓	X
13	173G1T0015	SRUJANA PABBINEEDI	X	✓	X
14	173G1T0016	SUJITA KASHYAP	X	✓	X
15	173G1T0018	TENZIN CIOMU	X	✓	X
16	173H1T0006	ERELLA SOUMYA SREE	X	✓	X




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B. PHARMACY STUDENTS PROJECTS LIST (2022-23)

Batch No.	Reg. Number	Name of the student	Title of the project	Name of the supervisor
1	193G1R0001	AMAN MANDAL	EVALUATION OF ANTHELMINTIC ACTIVITY OF ETHANOLIC EXTRACT OF SEEDS OF HISPANICA IN PHERETIMA POSTHUMA	DR.P.SAI KIRAN
	193G1R0002	ANJALI CHAUDHARY		
	193G1R0008	AROMA BAKOR WANN		
	193G1R0030	GELAM HARIKA VENKATA NAGA SRI		
	193G1R0031	GIRIJALA ANITHA		
2	193G1R0009	ASHMAWY SIBERT CHOKUPPEKEDZA	FORMULATION AND EVALUATION OF APIXABAN SUSTAINED RELEASE TRANSDERMAL PATCH BY SOLVENT EVAPORATION METHOD	D.NAGASEN
	193G1R0010	AVASARALA SATWIKA		
	193G1R0011	AVINASH KUMAR SIKRIWAL		
	193G1R0012	LIANG CHUOL LIANG AYOK		
	193G1R0013	BANDARULANKA SAIKIRAN		
3	193G1R0014	BHEEMIREDDI RAJANI	FORMULATION AND EVALUATION OF SITAGLIPTIN SUSTAINED RELEASE TABLETS	S. NOOKA RAJU
	193G1R0015	BIBEKANAND CHAUDHARY		
	193G1R0016	BIKINA VENKATA DURGADEVI		
	193G1R0017	BOWKA NAGA SRAYYA		
	193G1R0019	CHAJEN GATLUAK DENG GARANG		
4	193G1R0020	CHERUKU NAGA DURGA PRAVALLIKA	ASSESSMENT OF ANTI- INFLAMMATORY AND ANTI- OXIDANT ACTIVITIES OF THE ETHANOLIC EXTRACT OF 'SYZYGIUM SAMARANGENSE' LEAVES.	M.LALITHA KALA
	193G1R0021	CHINTHAKULA TEJASWINI		
	193G1R0022	DARA TONY PRIYANKA		
	193G1R0023	DEBASHISH GHOSH		
	193G1R0024	DEYYALA SARITHA		
5	193G1R0025	EDALA NAVYA SRI LEKHA	COMPARATIVE STUDY OF ANTIMICROBIAL ACTIVITY OF ETHANOLIC EXTRACT OF STEMS AND ROOTS OF ABUTILON INDICUM	K.V.R RAJU
	193G1R0026	GARIKINA BABUJI		
	193G1R0027	GAYATRI MUKHI		
	193G1R0028	GEDELA YAMINI NAGADEVI		
	193G1R0029	GEESALA SURYA NAGA LAKSHMI		
6	193G1R0003	ANJALI MISHRA	INVESTIGATING THE PRESENCE OF STAPHYLOCOCCUS AUREUS & E.COLI IN DAIRY PRODUCTS BY INVITRO METHOD	S.NAGESWARA RAO
	193G1R0004	ANKIT DEY		
	193G1R0032	GRANDHI SATYA SNEHAJA		
	193G1R0033	GUNNAM BHAVYA TEJASWI		

(Signature)

S.NAGESWARA RAO
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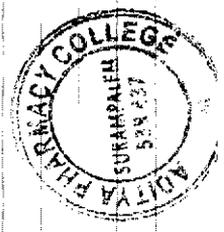
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193G1R0034	GUTHURTHI GOWRI PRASANNA	METHOD DEVELOPMENT AND VALIDATION OF OXCARBAZEPINE	M.SARIKA
7	193G1R0035	IJINA MANORANJANI	
	193G1R0036	ILLA SARIKA SUPRIYA	
	193G1R0037	ISTAKHAR AHMED	
	193G1R0039	KADULURI DEVI GANGA VIJAYA SIVANI	
	193G1R0040	KAKI SUPRAJA	
8	193G1R0041	KALAM SHEKH	K.PYDI RAJU
	193G1R0042	KAMPA SUDHEER KUMAR	
	193G1R0043	KANCHARLA UDAYA BHANU	
	193G1R0044	KARRI UMA TRILOKA	
	193G1R0045	KATTA VANDANA	
9	193G1R0046	KAUSTUBH PRIYANSHU	G.SRI DEVI
	193G1R0047	KETHA LAKSHMI BHAVANI	
	193G1R0048	KILARI VENKATADEEPIKA	
	193G1R0049	VANESSA WILLIAMS KISAKYE	
	193G1R0050	KOMBATHULA LISA	
10	193G1R0051	KORASIKA ALEKYA	DR.P.SAI KIRAN
	193G1R0052	KRISHNA KUNAL	
	193G1R0053	KUNDRAPU VARSHITHA	
	193G1R0054	KUSHUM PAUL	
	193G1R0055	ABEL NIKUNKA KYEMBE	
	193G1R0056	MADANA UMA RAJESWARI	
11	193G1R0057	MANIKALA SAI DEEPIKA	L.PARINAYA SRI
	193G1R0058	MAITTA SUJITHA	
	193G1R0060	MERUGU SIRISHA	
	193G1R0061	MITHILESH KUMAR CHAUHAN	
	193G1R0066	NARSIPUDI SANDHYA	
	193G1R0062	MOKKAPATI LAHARI	DR.P.BHASKAR RAO
	193G1R0063	MOMA YAKUB PETER JALE	
	193G1R0064	MUCHERLA SRI BHANU RAMA PRAVALLIKA	
	193G1R0065	MUDDANA JAGADISWARI	
	193G1R0067	NIKITA TOPPO	
12	193G1R0068	NIRAI PRASAD YADAV	C.LAKSHMI MADHAVI
	193G1R0069	OM PRAKASH THAKUR	
	193G1R0070	P LAKSHMI BHAVANI	
	193G1R0071	PALEPU MURALIDHAR RAIU	
	193G1R0072	PALINA SHARON PRIYANKA	
13	193G1R0073	PALIVELA SAHITHI	
	193G1R0074	PAMPANA PRASANNA VENU	

C.LAKSHMI MADHAVI

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T.LUDAY KUMAR



ASSESSMENT OF INVITRO ANTI- INFLAMMATORY AND ANTI OXIDANT ACTIVITY OF HYDRO DISTILLATE OF CUMINUM CYMINUM

PRELIMINARY PHYTOCHEMICAL SCREENING AND ANTHELMINTIC ACTIVITY OF ETHANOLIC EXTRACT OF " FICUSNOTA PLANT".

FORMULATION AND EVALUATION OF METRONIDAZOLE FAST DISSOLVING TABLETS

14	193GIR0076	PRASENJIT SARKAR				
	193GIR0077	PRATIM BHATTACHERJEE				
	193GIR0078	CHALLA PRAVEEN KUMAR				
	193GIR0079	PRITI MALLIK	SURVEY ON MEDICINAL PLANTS IN ADITYA CAMPUS			DR.D.SATHIS KUMAR
	193GIR0080	PADALA RAJANI				
	193GIR0081	RAIPRIYA HIMANSHU				
	193GIR0082	RANI PRASAD				
15	193GIR0084	SARAJEET KUMAR	MICROWAVE ASSISTED SYNTHESIS & DOCKING STUDIES OF NOVEL DERIVATIVES OF 7-HYDROXY-4-METHYL COUMARIN			T.SRI SOWKHYA
	193GIR0085	SAPPA JYOTHI SAI DURGA ANITHA				
	193GIR0086	SARANAN KUMAR				
	193GIR0087	SAVARAPU ANUSHA SINGDHA				
	193GIR0090	THUMMALAPALLI NAVYA				
16	193GIR0088	SHAIK SUHAN BEGAM	FORMULATION AND EVALUATION OF TIN OXIDE SOLID LIPID NANOPARTICLES			G.RAMA KRISHNA
	193GIR0089	SHAMIK MONDAL				
	193GIR0091	SOUMIK BOSE				
	193GIR0093	SRIKAKOLAPU LAKSHMANA NAGA KIRAN				
	193GIR0094	SUNDAY GOCH KUR DENG				
	193GIR0072	POLISETTI GEETHA SATYA SRI				
17	193GIR0095	SUNKARA SURYA KIRAN	FORMULATION AND EVALUATION OF SALICYLIC ACID SUSPENSION USING ARAUCARIA HETEROPHYLLA GUM AS A SUSPENDING AGENT			DR.CH.S.PHANI KUMAR
	193GIR0096	SUSHIL KUMAR				
	193GIR0097	SWAMIREDDY MAHA LAKSHMI				
	193GIR0098	SWEETY CHIRMANG				
	193GIR0084	AVINASH RAVANAN SAH				
18	193GIR0083	RIYA KUMARI	COLORIMETRIC DETERMINATION OF PHENOL AND FLAVONOIDS OF PUNICA GRANATUM PLANT EXTRACTS BY DERIVATIZATION METHOD AND FT-IR STUDIES			B.SUJAYA
	193GIR0041	TINASHE MUFUDZA				
	193GIR0042	TIPPANI BHARGAVI				
	193GIR0044	VELISETTI VENKATA RAMA KRISHNA CHAITANYA				
	193GIR0081	MUNGALLA SURYA VASANTHA LAKSHMI				
	193GIR0085	MD MANAUL ANSARY				
19	193GIR0075	PANDRANGI SATYA LAKSHMI	SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF SOME NOVEL DIHYDROPYRIMIDINE			SK.RAFI
	193GIR0043	VANAPALLI SUSMITHA				
	193GIR0045	YERRAMILI SRIDATTA AGASTHYA NIKHIL TILAK				
	193GIR0046	AKI NIKITHA SAI PADMA				
	193GIR0048	MD SAIFUL ISLAM				
	193GIR0049	ALISHA KHANAM				



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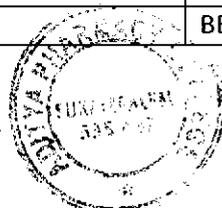
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B.PHARMACY STUDENTS INTERNSHIP LIST (2022-23)

S.No.	Reg.Number	Name of the student	Industry
1	193G1R0002	ANJALI CHAUDHARY	KP LABS
2	193G1R0003	ANJALI MISHRA	KP LABS
3	193G1R0008	AROMA BAKOR WANN	KP LABS
4	193G1R0009	ASHMAWY SIBERT CHOKUPFEKEDZA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
5	193G1R0010	AVASARALA SATWIKA	KP LABS
6	193G1R0011	AVINASH KUMAR SIKRIWAL	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
7	193G1R0015	BIBEKANAND CHAUDHARY	BELL PHARMACEUTICALS
8	193G1R0017	BOKKA NAGA SRAVYA	BELL PHARMACEUTICALS
9	193G1R0020	CHERUKU NAGA DURGA PRAVALLIKA	BELL PHARMACEUTICALS
10	193G1R0024	DEYYALA SARITHA	BELL PHARMACEUTICALS
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12	193G1R0031	GIRIJALA ANITHA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
13	193G1R0032	GRANDHI SATYA SNEHAJA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
14	193G1R0033	GUNNAM BHAVYA TEJASWI	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
15	193G1R0035	IJJINA MANORANJANI	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
16	193G1R0036	ILLA SARIKA SUPRIYA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
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22	193G1R0049	VANESSA WILLIAMS KISAKYE	BELL PHARMACEUTICALS
23	193G1R0051	KORASIKA ALEKYA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
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25	193G1R0068	NIRAJ PRASAD YADAV	BELL PHARMACEUTICALS



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26	193G1R0069	OM PRAKASH THAKUR	KP LABS
27	193G1R0079	PULUGURTHA SUBHASHITHA	KP LABS
28	193G1R0082	RANI PRASAD	APL ACTIVE PHARMA LABS
29	193G1R0089	SHAMIK MONDAL	ANALOG LABS
30	193G1R0094	SUNDAY GOCH KUR DENG	PHARMAZELL (VIZAG) PVT.LTD
31	193G1R0098	SWEETY CHYRMANG	ANALOG LABS
32	193G1R00A1	TINASHE MUFUDZA	ANALOG LABS
33	193G1R00A3	VANAPALLI SUSMITHA	CHANDRA LABS
34	193G1R00A8	MD SAIFUL ISLAM	ANALOG LABS
35	193G1R00B4	AVINASH RANJAN SAH	ANALOG LABS
36	193G1R00B5	MD MANAUL ANSARY	ANALOG LABS
37	193G1R00B5	MD MANAUL ANSARY	ANALOG LABS




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PROJECT DATA



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**Evaluation of antihelminthic activity of ethanolic extract of seeds
of *Salvia Hispanica* in *Pheretima Posthuma***

Dissertation Submitted to



JNT UNIVERSITY KAKINADA

**In partial fulfillment for the award of the degree of
BACHELOR OF PHARMACY**

BY

Aman Mandal (193G1R0001)

Anjali Chaudhary (193G1R0002)

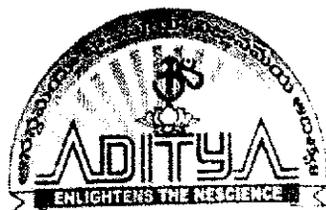
Aroma Bakar Wann(193G1R0008)

G. Harika(193G1R0030)

G. Anitha (193G1R0031)

Under the guidance of

**Dr. P. S. S. Sai Kiran M. Pharm. Ph.D.
Associate Professor**



Aditya Pharmacy College, Surampalem, Andhra Pradesh, India-533 437

2019- 2023

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Surampalem-533437, E.G. District, Andhra Pradesh.

CERTIFICATE

This is to certify that the dissertation work entitled a study on "Evaluation of Antihelminthic activity ethanolic extract of seeds of Salvia Hispanica on Pheretima Posthuma" submitted in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2017-2021. This is a bonafide work carried out by Aman Mandal (193G1R0001), Anjali Chaudhary (193G1R0002), Aroma Bakor Wann(193G1R0008), G. Harika(193G1R0030), G. Anitha (193G1R0031), under the direct guidance and supervision of Dr.P.S.S. Sai Kiran M.Pharm, Ph.D., Associate Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.

(Internal Examiner)

(External Examiner)



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Surampalem-533437, E.G.District, Andhra Pradesh.

Dr. D. Satish kumar, M.Pharm., Ph.D.,
Principal & Professor.

CERTIFICATE

This is to certify that the dissertation work entitled a study on "Evaluation of Antihelminthic activity ethanolic extract of seeds of Salvia Hispanica on Pheretima Posthuma" submitted in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023. This is a bonafied work carried out by Aman Mandat (193G1R0001), Anjali Chaudhary (193G1R0002), Aroma Bakor Wann(193G1R0008), G. Harika(193G1R0030), G. Anitha (193G1R0031), under the direct guidance and supervision of Dr.P.S.S. Sai Kiran M.pharm, Ph.D., Associate Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.

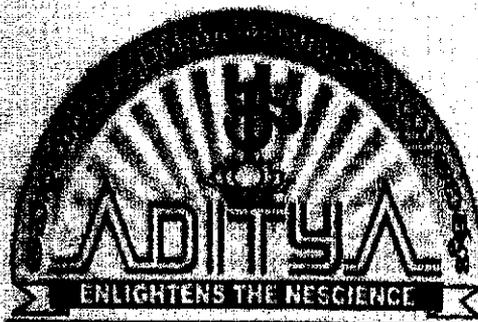
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DECLARATION



We hereby declare that the dissertation work entitled "Evaluation of Antibelminthic activity ethanolic extract of seeds of Salvia Hispanica in Pheretima Posthuma" in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023, was carried out by us in the library and laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of Dr.P.S.S. Sai Kiran M. Pharm, Ph.D., Associate Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh. We also declare that the matter embodied in it is a genuine work.

Aman Mandal (193G1R0001) Aman Mandal

Anjali Chaudhary (193G1R0002) Anjali Chaudhary

Aroma Bakor Wann (193G1R0008) Aroma

G. Harika (193G1R0030) Harika

G. Anitha (193G1R0031) G. Anitha



[Signature]
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Conclusion:

- The project was aimed at evaluating the anti-helminthic activity of ethanolic extracts of seeds of *Salvia hispanica* in *Pheretima Posthuma*. This was done on the *Pheretima Posthuma* (earthworm) as it has similarities with intestinal worms (for example hookworms)
- The seeds of *Salvia hispanica* were powdered and it was subjected to soxhlation in the presence of ethanol.
- Based upon comparison of other literature reviews, the evaluation of the anti-helminthic effect was compared against the standard anti-helminthic effect of Albendazole and the evaluation was conducted.
- In phytochemical screening it was found that seeds of *Salvia hispanica* consists of alkaloids, amino acids, carbohydrate, flavonoids, glycosides, proteins, tannins, saponins which have been proven to show antihelminthic activity.
- The experiment was conducted in a triplicate manner, thus getting three different observations.
- Statistical analysis was carried out with 3 observations. The values for time of paralysis and time of death were taken as mean \pm standard deviation.
- Thus, this thesis establishes a marked antihelminthic activity of ethanolic extract of seeds of *Salvia hispanica*.

- However the actual antihelminthic ingredients or constituents are needed to be identified and isolated after extraction and the tolerable levels of the constituent in the human body as well as any toxic effects on human and animal tissues must be investigated accordingly.



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SURAMPALEM-533 437

INVESTIGATING THE PRESENCE OF
STAPHYLOCOCCUS AUREUS & ESCHERICHIA COLI IN DAIRY PRODUCTS
BY INVITRO METHOD

A Dissertation Submitted to



JNT UNIVERSITY
KAKINADA

In partial fulfilment for the award of the degree of
BACHELOR OF PHARMACY

BY

Anjali Mishra (193G1R0003)

Ankit Dey (193G1R0004)

G. Satya Sneha (193G1R0032)

G. Bhavya Tejaswi (193G1R0033)

G. Gowri Prasanna (193G1R0034)

Under the esteemed guidance of
S.Nageswara Rao, M.Pharm., (Ph.D.)

Associate Professor



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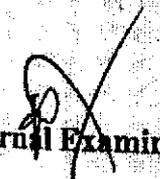
East Godavari District, Andhra Pradesh

Batch: 2019- 2023



CERTIFICATE

Successfully completed the dissertation work entitled a study on **INVESTIGATING THE PRESENCE OF BACTERIOLOGICUS AUREUS & ESCHERICHIA COLI IN DAIRY PRODUCTS BY IN VITRO METHOD** submitted in partial fulfillment of the degree in Bachelor of Pharmacy of the JNTU University, Kinada for the academic year 2019-2023. This is a bonafide work carried out by Anjali Mishra (193G1R0003), Ankit Dey (193G1R0004), G Satya Sneha (193G1R0032), G Bhavya Tejaswi (193G1R0033), Gowri Prasanna (193G1R0034) under the direct guidance and supervision of S. Nageswara Rao, Pharm., (Ph.D.), Associate Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.


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(External Examiner)




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14

CERTIFICATE

It is to certify that the dissertation work entitled a study on "INVESTIGATING THE PRESENCE OF STAPHYLOCOCCUS AUREUS & ESCHERICHIA COLI IN DAIRY PRODUCTS BY INVITRO METHOD" submitted in partial fulfilment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023. This is a bonafide work carried out by by Anjali Mishra (193G1R0003), Ankit Dey (193G1R0004), G. Satya Sneha (193G1R0032), G. Bhavya Tejaswi (193G1R0033), G. Gowri Prasanna (193G1R0034). under the direct guidance and supervision of S. Nageswara Rao, M.Pharm., (Ph.D.), Associate Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.

Dr. D. SATHIS KUMAR, M.Pharm., P.h.D
Principal and Professor.

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Aditya Pharmacy College
SURAMPALAM

DECLARATION

I hereby declare that the dissertation work entitled "INVESTIGATING THE PRESENCE OF *CANDIDA ALBICANS* & *SCHERCHIAHOMYCELES* IN DAIRY PRODUCTS BY INVITRO" in partial fulfillment of the degree in Bachelor of pharmacy of the JNTU University, Kakinada for the academic year 2019-2023, was carried out by us in the library and laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of Dr. Nageswara Rao, M.Pharm., Ph.D., Associate professor, Aditya Pharmacy college, Surampalem, Andhra Pradesh. We also declare that the matter embodied in it is a genuine work.

- G. Anjali Mishra (193G1R0003), Anjali Mishra
- G. Ankit Dey (193G1R0004), Ankit Dey
- G. Satya Sneha (193G1R0032), G. Satya Sneha
- G. Bhavya Tejaswi (193G1R0033), G. Bhavya Tejaswi
- G. Gowri Prasanna (193G1R0034), G. Gowri prasanna



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Results of the present study of milk and milk products were found contaminated with staphylococcus and E.coli which may cause food poisoning and pose a threat to public health. It indicates a need for strict hygienic practices,

- Regular sterilisation of dairy equipments,
- Washing of utensils, milker's hands, udder,
- Eradication of diseased animals,
- Pasteurization (or) boiling of milk before collection,
- Distribution for consumption and product making and
- Maintaining the proper environment.

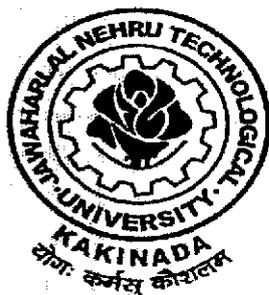


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**"FORMULATION AND EVALUATION OF APIXABAN SUSTAINED
RELEASE TRANSDERMAL PATCH BY SOLVENT EVAPORATION
METHOD "**

*Dissertation submitted to the Jawaharlal Nehru Technological University,
Kakinada in partial fulfillments of the requirements for the degree of Bachelor
of Pharmacy (2023)*



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

Submitted BY

- | | |
|------------------------------|--------------|
| ASHMAWY SIBERT CHOKUPFEKEDZA | (193G1R0009) |
| AVASARALA SATWIKA | (193G1R0010) |
| AVINASH KUMAR SIKRIWAL | (193G1R0011) |
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Under the Guidance of

Mr. DASARI.NAGASEN, M. Pharm., (Ph.D)

Assistant professor



Aditya Pharmacy College

Surampalem - 533437
2019-2023

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This is to certify that the dissertation entitled "FORMULATION AND EVALUATION OF APIXABAN SUSTAINED RELEASE TRANSDERMAL PATCH BY A SOLVENT EVAPORATION METHOD" was submitted to the Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Bachelor of pharmacy is a record of original research work carried out by ASHMAWY SIBERT CHOKUPEEKEDZA (193G1R0009) AVASARALA SATWIKA (193G1R0010) AVINASH KUMAR SIKRIWAL (193G1R0011) LIANG CHUOL LIANG AYOK (193G1R0012) BANDARULANKA SAIKIRAN (193G1R0013)

They have done this research work under the supervision of Mr. DASARI NAGASEN, M. Pharm., (Ph. D) and it has not been previously submitted to any other university or academic institution for any higher degree.

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Principal
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Place: Surampalem

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CERTIFICATE



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Under my supervision and it has not been previously submitted to any other university or academic institution for any higher degree.

D. Nagesh

Mr. DASARI NAGASEN, M. Pharm., (Ph. D)
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Place: Surampalem

Date: 13/04/13

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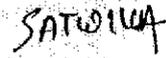
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External Examiner

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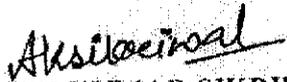
The project embodied in this thesis entitled "FORMULATION AND EVALUATION OF APIXABANSUSTAINED RELEASE TRANSDERMAL PATCH BY SOLVENT EVAPORATION METHOD" was carried out in the department of Pharmaceutical Technology under the guidance of Mr. DASARI NAGASEN, M.Pharm., (Ph.D) Aditya Pharmacy College, Surampalem. The extent and source of information derived from the existence literature have been indicated throughout thesis of the project work at appropriate places.



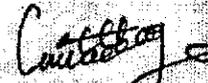
ASIMAWY SIBERT CHOKUPEEKEDZA
(193G1R0009)



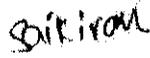
AVASARALA SATWIKA
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9. SUMMARY AND CONCLUSION

Studies have been carried out on Apixaban with an objective of preparing a sustained release Transdermal drug delivery system. Formulate & develop a stable transdermal patch for the Apixaban 5 mg-controlled drug delivery approach.

Preformulation studies like solubility, melting point, description, Hygroscopicity, flow properties, loss on drying were performed.

By using Solvent Casting Method preparation of Transdermal patch has done with a dose of 5 mg and the patches were found to be Excellent, Smooth texture & transparent.

The drug is formulated with an aim to sustain the release to show its anti-coagulant effect. Also due to its short half-life, it will show sustained effect and the bioavailability of the drug has been increased.

The optimized formulation is prepared to meet the sustained effect by changing the concentration ratio of HPMC 50 cps to PVP k 15. By changing this ratio we have prepared a final and optimized ratio which can meet the sustained release time points and kinetic release study points.

The evaluation results for the patches were done and it has met the standards. The evaluation parameters include physicochemical parameters, *In-vitro* evaluation & Kinetic release Evaluation. In all these characterizations the transdermal patch has shown good results.

Formulation trials F1-F3 does not meet the criteria for sustained release time points of dissolution when compared with the Formula F4. Among all those, formulations F4 had shown good dissolution results. Also, the drug release for the optimized formulation has shown 83% at the end of 8 hours of time with zero order release. Also, the patches have shown zero order release and Higuchi plot with an R^2 value of 0.99 & 0.98 respectively.

From the study, it is concluded that the invitro release Apixaban Transdermal Patches prepared by using formulation (F4) has shown good results than the other trail formulations from F1 to F3 and met with the standards.



22

FORMULATION AND EVALUATION OF SITAGLIPTIN SUSTAINED RELEASE TABLETS

*Dissertation submitted to the Jawaharlal Nehru Technological University,
Kakinada in partial fulfilment of the requirements for the degree of Bachelor of
Pharmacy (2023)*



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA
BACHELOR OF PHARMACY

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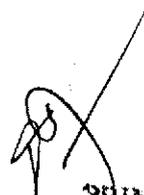
UNDER THE GUIDANCE OF

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Assistant professor
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2022-2023


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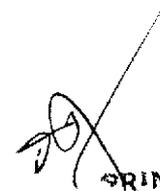
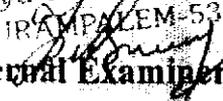
Aditya Pharmacy College, Surampalem, Dist. East Godavari, Andhra Pradesh
Surampalem, Dist. East Godavari, Andhra Pradesh

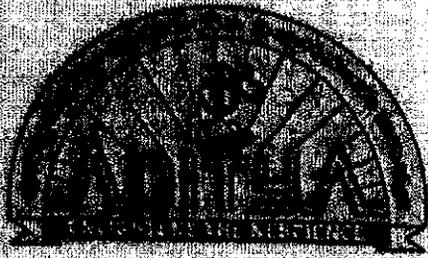
CERTIFICATE

This is to certify that the dissertation entitled "FORMULATION AND EVALUATION OF SITAGLIPTIN SUSTAINED RELEASED TABLETS" submitted to the JNT University, Kakinada in partial fulfillment of the requirements for the award of the degree of Bachelor of pharmacy is a record of original research work carried out by BHEEMIREDDI RAJANI (193G1R0014), BIBEKANAND CHAUDHARY (193G1R0015), BIKKINA VENKATA DURGA DEVI (193G1R0016), BOKKA NAGA SRAVYA (193G1R0017), CHAJEN GATLUAK DENG (193G1R0019) under the supervision of Mr. S. NOOKA RAJU, M.PHARM and it has not been previously submitted to any other university or academic institution for any higher degree.


Internal Examiner




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External Examiner



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Place: Surampalem

Date: 17/4/2023

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Principal & Professor
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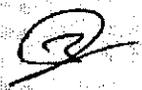
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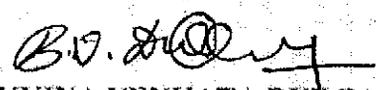
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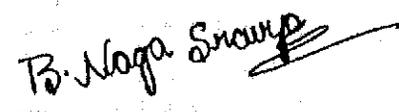
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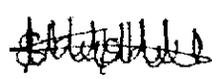
BIBEKANAND CHAUDHARY
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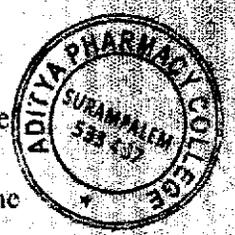
SUMMARY & CONCLUSION

The following conclusions can be made from the carried out project work:

- An attempt has been made to develop and evaluate a sustained release drug delivery system containing Sitagliptin using Fenugreek seed mucilage in different ratios such as 5:1, 5:1.5, 5:2, 5:2.5, 5:3, 5:3.5 and 5:4 respectively by Direct Compression technique, that maintain constant therapeutic levels of the drug.
- The natural polymer i.e. Fenugreek seed mucilage, imparts a conspicuous effect on the release mechanism as well as shows anti- diabetic property.
- Preformulation studies like solubility, melting point, flow properties were performed.
- Pre-compression parameters like Bulk density, Tapped density, Angle of repose, Carr's index & Hausner's ratio were performed and the formulated powder shows EXCELLENT flow behaviour, so that it was suitable to formulate using Direct Compression technique.
- The following evaluation tests were carried out on post compression which includes Weight variation, Hardness, Friability, Thickness, Disintegration, Content uniformity and In vitro drug release studies. The prepared tablets have satisfactory drug release, content uniformity, thickness, hardness and mechanical strength.
- Based on In vitro drug release studies, it can be concluded that the formulation F5 (5:3) could be used to release the drug in sustained manner as it released 80% of the drug at the end of 8hrs whereas the formulations F1- F4 (5:1, 5:1.5, 5:2, 5:2.5) released 100% of the drug before 8hrs depicting the absence of sustained effect & the formulations F6- F7 (5:3.5, 5:4) released only 60%, 35% of the drug at the end of the 8th hours indicating much more sustained release which makes them not to be the

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ideal one.

- Hence, F5 containing the Fenugreek Seed Mucilage of 30mg is chosen as the best formulation from the current work as it possess the ability to reduce the dosing frequency.
- The above study concluded that the possibility of making SRDDS for Sitagliptin using fenugreek seed mucilage which will be more efficacious and acceptable than conventional drug delivery for its satisfactory drug release profile which may provide an increased therapeutic efficacy.
- The technique employed in the preparation of the sustained system i.e Direct compression, is highly practical and economical from the industry point of view.
- Success of the In vitro drug release studies recommends the product for the further In vitro studies (First order, Higuchi etc.), it may improve patient compliance.



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28

ASSESSMENT OF ANTI-INFLAMMATORY AND ANTIOXIDANT ACTIVITIES OF THE ETHANOLIC EXTRACT OF "SYZYGIVM SAMARANGENSE" LEAVES.

A Dissertation Submitted to
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA



In the partial fulfilments of the requirements for the Award of the degree of
BACHELOR OF PHARMACY in PHARMACOLOGY

by

Cheruku. Naga Durga Pravallika (193G1R0020)
Chinthakula Tejaswini (193G1R0021)
Dara. Tony Priyanka (193G1R0022)
Debashish Ghosh (193G1R0023)
Deyyala.Saritha (193G1R0024)

Under the esteemed guidance of:

M.LALITHAKALA, M. PHARM

Assistant professor



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Approved by AICTE & PCI, Affiliated to JNTUK, Kakinada

Aditya Nagar, ADB Road, Surampalem – 533 437

East Godavari District, Andhra Pradesh

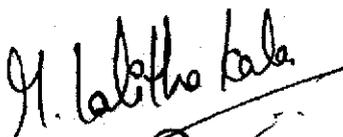
BATCH: 2019-2023




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SURAMPALAM-533 437

CERTIFICATE

This is to certify that the dissertation work entitled a study on "ASSESSMENT OF ANTI-INFLAMMATORY AND ANTI-OXIDANT ACTIVITIES OF THE ETHANOLIC EXTRACT OF *SYZYGIUM SAMARANGENSE* LEAVES" submitted in partial of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2022. This is a bonafide work carried out by Ch. Naga Durga Pravallika (193G1R0020), Ch. Tejaswini (193G1R0021), D. Tony Priyanka (193G1R0022), Debashish Ghosh (193G1R0023), D. Saritha (193G1R0024) under the direct guidance and supervision of M. Lalitha kala, M. Pharm, Assistant professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.


Internal Examiner


External Examiner




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CERTIFICATE

This is to certify that the dissertation work entitled a study on "ASSESSMENT OF ANTIINFLAMMATORY AND ANTIOXIDANT ACTIVITIES OF THE ETHANOLIC EXTRACT OF SYZYGIVM SAMARANGENSE LEAVES" submitted in partial of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2022. This is a bonafide work carried out by Ch. Naga Durga Pravallika, Ch. Tejaswini, D. Tony Priyanka, Debashish Ghosh, D. Saritha under the direct guidance and supervision of M. Lalitha kala, M. Pharm, Assistant Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.


Dr. SATHIS KUMAR., M.Pharm., Ph.D.
Principal & Professor.
(Principal)

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DECLARATION

We hereby declare that the dissertation work entitled "ASSESSMENT OF ANTI-INFLAMMATORY AND ANTI-OXIDANT ACTIVITIES OF THE ETHANOLIC EXTRACT OF *SYZYGium SAMARANGENSE LEAVES*" in partial fulfilment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023, was carried out by us in the library and laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of Miss. M. Lalitha kala, M. Pharm, Assistant Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh. We also declare that the matter embodied in it is a genuine work.

Cheruku. Naga Durga Pravallika (193G1R0020) *Choo. Pravallika*
 Chinthakula. Tejaswini (193G1R0021) *Ch. Tejaswini*
 Dara. Tony Priyanka (193G1R0022) *D. Tony Priyanka*
 Debashish Ghosh (193G1R0023) *Debashish Ghosh*
 Deyyala. Saritha (193G1R0024) *D. Saritha*

PK



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CONCLUSION

❖ *IN VITRO ANTI-INFLAMMATORY ACTIVITY:*

Based on the experimental findings of Anti-inflammatory activity of ethanolic extract of *S.samarangense* leaves, it is evident that the plant may contain some novel compounds that possess potent Anti-inflammatory activity. The obtained results support that further investigation is required to understand the pharmacological action of Anti-inflammatory effect.

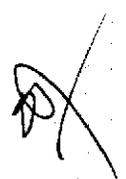
Here all the results were compared with standard diclofenac sodium which showed 26.47% of protection in BSA experiment and 57.14% of protection in egg albumin test. Concentration of 1000µg/mL showed higher Anti-inflammatory activity in BVA test and 1000µg/mL in egg albumin test. The results give a justification for the use of *S.samarangense* in Anti-inflammatory medicine.

❖ *IN VITRO ANTIOXIDANT ACTIVITY:*

Based on the experimental findings of Antioxidant activity of ethanolic extract of *S.samarangense* leaves, it is evident that the plant may contain some novel compounds that possess potent Antioxidant activity.

From above two In vitro Antioxidant results indicates that our isolated compound *S.samarangense* has a significant Antioxidant activity which is compared with Ascorbic acid (standard). This antioxidant activity of *S.samarangense* leaves extract was determined by DPPH and Hydroxyl radical scavenging methods.




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33

**COMPARATIVE STUDY OF ANTIMICROBIAL ACTIVITY OF ETHANOLIC
EXTRACT OF STEMS AND ROOTS OF ABUTILON INDICUM**

Dissertation submitted to



JNTU, KAKINADA

In partial fulfillment for the award of the degree of

BACHELOR OF PHARMACY

BY

E. Navya Sri Lekha (193G1R0025)

G. Babuji (193G1R0026)

Gayatri Mukhi (193G1R0027)

G. Yamini Naga devi (193G1R0028)

G. Surya Naga Lakshmi (193G1R0029)

Under the guidance of

Mr.K.V.R.Raju M.Pharm,(PhD)

Associate professor



Aditya Pharmacy College, Surampalem, Andhra Pradesh, India-533437

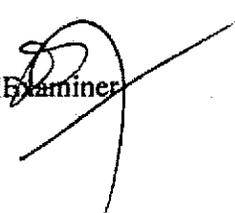



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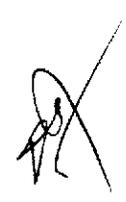
ADITYA PHARMACY COLEGE
(Affiliated to PCI, AICTE and JNTUK)
Surampalem – 533437, Kakinada District, Andhra Pradesh

CERTIFICATE

This is to certify that the dissertation work entitled a study on "COMPARATIVE STUDY OF ANTIMICROBIAL ACTIVITY OF ETHANOLIC EXTRACT OF STEMS AND ROOTS OF *ABUTILON INDICUM*" submitted in partial fulfilment of the degree in Bachelor of Pharmacy of the JNTU, Kakinada for the academic year 2019-2023. This is a bonafide work carried out by E.Navya Sri Lekha(193G1R0025), G.Babuji(193G1R0026), Gayatri Mukhi (193G1R0027), G.Yamini Naga Devi(193G1R0028), G.Surya Naga Lakshmi (193G1R0029) under the guidance and supervision of Mr.K.V.R.Raju, M.Pharm.,(PhD), Associate Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.

Internal Examiner 

External Examiner 





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(Affiliated to PCI, AICTE and JNTUK)

(Accredited with NAAC "A")

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Date:


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DECLARATION

We, hereby declare that the dissertation work entitled "COMPARATIVE STUDY OF ANTIMICROBIAL ACTIVITY OF ETHANOLIC EXTRACT OF STEMS AND ROOTS OF *ABUTILON INDICUM*" in partial fulfilment of the degree in bachelor of pharmacy of the JNTU, Kakinada for the academic year 2019-2023, was carried out by us in the laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the guidance and supervision of Mr.K.V.R.Raju, M.Pharm.(PhD), Associate professor, Aditya Pharmacy college, Surampalem, Andhra Pradesh. We also declare that the matter embodied in it is a genuine work.

E. Navya

E.Navya Sri Lekha(193G1R0025)

G. Babuji

G.Babuji(193G1R0026)

Gayatri Mukhi

Gayatri Mukhi(193G1R0027)

G. Yamini Naga Devi

G.Yamini Naga Devi(193G1R0028)

G. Surya Naga Lakshmi

G.Surya Naga Lakshmi(193G1R0029)



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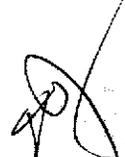
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SUMMARY AND CONCLUSION:

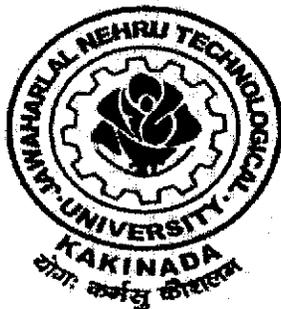
- ❖ The preliminary phytochemical screening of the crude extracts revealed that the stem of *Abutilon indicum* extract contains flavonoids and tannins, alkaloids, glycosides.
- ❖ The antimicrobial activity of stem of *Abutilon indicum* may be due to the presence of flavonoids.
- ❖ The results obtained in the experimental study of antibacterial activity suggested that the ethanolic extracts of stem and roots of *abutilon indicum* bacterial spectrum of activity, means it is having the ability to kill gram-ve bacteria.
- ❖ The stem extract of *Abutilon indicum* showed more antimicrobial activity than the root extract.




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METHOD DEVELOPMENT AND VALIDATION OF OXCARBAZEPINE

Dissertation submitted to the Jawaharlal Nehru Technological University,
Kakinada in partial fulfillment of the requirements for the degree of



BACHELOR OF PHARMACY

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

Submitted BY

I.MANORANJANI (193G1R0035)

I.S.SUPRIYA (193G1R0036)

ISTHAKAR AHMED (193G1R0037)

K.D.G.V.SIVANI (193G1R0039)

K.SUPRAJA (193G1R0040)

Under the esteemed guidance of
M.SARIKA, M.Pharm, (Ph.D.)

Assistant Professor



ADITYA PHARMACY COLLEGE

Approved by AICTE & PCI, Affiliated to JNTUK, Kakinada

Aditya Nagar, ADB Road, Surampalem – 533437

East Godavari District, Andhra Pradesh.

Batch: 2019- 2023

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CERTIFICATE



This is to certify that the dissertation entitled "ASSESSMENT OF INVITRO ANTI-INFLAMMATORY AND ANTI-OXIDANT ACTIVITY OF HYDRO DISTILLATE OF CUMINUM CYMINUM" was submitted to the Jawaharlal Nehru Technological University, Kakinada in partial fulfilment of the requirements for the award of the Degree of Bachelor of Pharmacy is a record of original research work carried out by Niraj Prasad Yadav (193G1R0068), Om Prakash Thakur (193G1R0069), P.Lakshmi Bhavani (193G1R0070), P.Muralidharaju (193G1R0071), P. Sharon Priyanka (193G1R0072). They have done this research work under the supervision of Ms. Ch. Lakshmi Madhavi, PGDMM, M.Pharm. (Ph.D). and it has not been previously submitted to any other university or academic institution for any higher degree.

**Aditya Pharmacy College,
Surampalem- 533437.**

Place: Surampalem
Date:

INTERNAL EXAMINER

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EXTERNAL EXAMINER

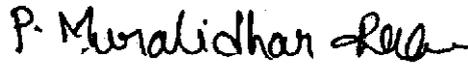


DECLARATION

The project embodied in this thesis entitled "ASSESSMENT OF INVITRO ANTI-INFLAMMATORY AND ANTI-OXIDANT ACTIVITY OF HYDRO DISTILLATE OF CUMINUM CYMINUM" was carried out in the department of pharmaceutical analysis under the guidance of Ms. Ch. Lakshmi Madhavi, PGDHM, M.Pharm, (Ph.D), Assistant Professor, Aditya Pharmacy College, Surampalem. The extent and source of information derived from the existence literature have been indicated throughout thesis of the project work at appropriate places.



NIRAJ PRASAD YADAV (193G1R0068)



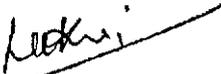
P. MURALIDHAR RAJU (193G1R0071)



OM PRAKASH THAKUR (193G1R0069)



P. SHARON PRIYANKA (193G1R0072)



P. LAKSHMI BHAVANI (193G1R0070)



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Conclusion:

Medical plants are potential renewable natural resources and which provide many health benefits for the human health care. Medicinal value of the plants lies in phytochemical constituents that belong to various classes of chemical compounds such as Alkaloids, Glycosides, Flavonoids etc and produce a definite physiological action on our human body. In the present study Ficus Nota plant leaves extract had shown significant anthelmintic activity on Pheretima posthuma worms.

This thesis establishes a marked anthelmintic activity of ethanolic extract of the leaves of the plant FICUS NOTA. However actual anthelmintic constituents need to be extracted and identified also its tolerable levels in the human body as well as any toxic effects on human and animal tissues must be investigated accordingly.

This investigation has opened the possibility of the use of this plant in future drug development. However, before coming to the conclusive statement, further research is needed to be carried out for the bio active constituents which are responsible for this biological activities.




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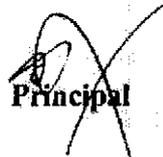
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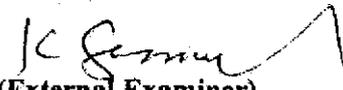
This is to certify that the dissertation work entitled a study on "SYNTHESIS AND MOLECULAR DOCKING STUDIES OF 2,4,5-TRIPHENYL-1H-IMIDAZOLE" submitted in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023. The original research work carried out by MANIKALA SAI DEEPIKA (193G1R0057), MATTA SUJITHA (193G1R0058), MERUGU SIRISHA (193G1R0060), MITHILESH KUMAR CHAUHAN (193G1R0061), NARSIPUDI SANDHYA (193G1R0066) under the direct guidance and supervision of Ms. L.PARINAYA SRI M.Pharm., Department of pharmaceutical chemistry, Assistant Professor, Aditya Pharmacy College, Surampalem, and Andhra Pradesh.

Place: Surampalem

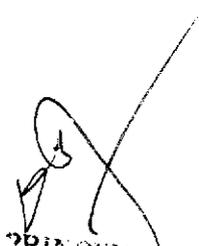
Date:


Principal


(Internal Examiner)


(External Examiner)




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Surampalem-533437, E.G. District, Andhra Pradesh.

Dr. D. Sathis kumar, M.Pharm., Ph.D.,

Principal & Professor.

CERTIFICATE

This is to certify that the dissertation work entitled a study on "SYNTHESIS AND MOLECULAR DOCKING STUDIES OF 2,4,5-TRIPHENYL-1H-IMIDAZOLE" submitted in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023. The original research work carried out by MANIKALA SAI DEEPIKA (193G1R0057), MATTA SUJITHA (193G1R0058), MERUGU SIRISHA (193G1R0060), MITHILESH KUMAR CHAUHAN (193G1R0061), NARSIPUDI SANDHYA (193G1R0066) under the direct guidance and supervision of Ms. L. PARINAYA SRI, M.Pharm., Pharmaceutical chemistry, Assistant Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.

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(Approved by AICTE & PCI, Affiliated to JNTUK).
Surampalem-533437, E.G. District, Andhra Pradesh.

DECLARATION

We hereby declare that the dissertation work entitled "SYNTHESIS AND MOLECULAR DOCKING STUDIES OF 2,4,5-TRIPHENYL-1H-IMIDAZOLE" in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023, was carried out by us in the library and laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of Ms.L.PARINAYA SRI M.Pharm., Pharmaceutical chemistry, Assistant Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh. We also declare that the matter embodied in it is a genuine work.

Sai Deepika - M
MANIKALA SAI DEEPIKA

(193G1R0057)

M. Sujitha
MATTA SUJITHA

(193G1R0058)

M. Sirisha
MERUGU SIRISHA

(193G1R0060)

Mithlesh
MITHILESH KUMAR CHAUHAN

(193G1R0061)

N. Sandhya
NARSIPUDI SANDHYA

(193G1R0066)



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7/7

The three derivatives obeys Lipinski rule of five and showed the highest oral absorption and good bioavailability.

All the synthesized compounds (I,Ia,Ib) screened for their physico-chemical parameters and prediction of toxicity risks using online preADMIT, bioactivity score by online Molinspiration tool and ADME (absorption, distribution, metabolism, excretion) properties were predicted using online preADMIT software and swiss ADME.

CONCLUSION

2,4,5-triphenyl Imidazole derivatives were synthesized (I,Ia,Ib) were synthesized in good yield. Docking studies revealed that compound Ia showed good binding affinity towards COX-2, Dihydropterate synthase protein. 2,4,5-triphenyl Imidazole derivatives obeys Lipinski rule five and showed the highest oral absorption and good bioavailability.



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**PRELIMINARY PHYTOCHEMICAL SCREENING AND
ANTHELMINTIC ACTIVITY OF ETHANOLIC LEAF EXTRACT
OF "FICUSNOTA PLANT"**

Dissertation submitted to



Jawaharlal Nehru Technological University, Kakinada, A.P.

For the award of the degree of

Bachelor of Pharmacy

MOKKAPATI LAHARI(193G1R0062)

MOMA YAKUB PETER(193G1R0063)

MUCHERLA SRI BHANU RAMA PRAVALLIKA(193G1R0064)

JAGADESHWARI(193G1R0065)

NIKITA TOPPO(193G1R0067)

Under the guidance of

DR.P.Bhaskara Rao, M.Pharm., Ph.D

Associate Professor

Department of Pharmaceutical Analysis



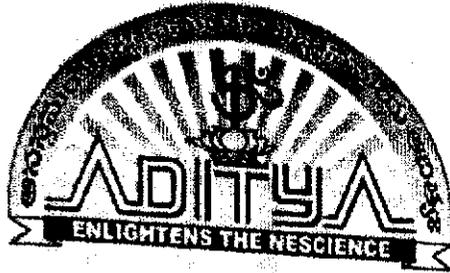
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2019-2023



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CERTIFICATE



This is to certify that M.Lahari , MomaYakubPeter, M.Bhanu Sri Rama Pravallika, M.Jagadiswari, Nikita Toppo has carried out the dissertation work on "PRELIMINARY PHYTOCHEMICAL SCREENING,ANTHELMENTHIC ACTIVITY OF ETHANOLIC LEAF EXTRACT OF THE *FICUS NOTA PLANT*" in the partial fulfillment of the requirements for the award of B.Pharmacy in Pharmacognosy and this is a bonafide research work done by them under the supervision of Dr.P.Bhaskara Rao and guidance at the Laboratory of Pharmacognosy,Aditya Pharmacy College,Surampalem,affiliated to Jawaharlal Nehru Technological University,Kakinada.

Place : Surampalem

Date:

K. J. ...
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DECLARATION

We hereby declare that the dissertation work entitled "PRELIMINARY PHYTOCHEMICAL SCREENING ,ANTHELMINTIC ACTIVITY OF ETHANOLIC LEAF EXTRACT *OFFICUS NOTA PLANT*" in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University,Kakinada for the academic year 2019 – 2023 , was carried out by us in the library and laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of DR.P.Bhaskara Rao,M.Pharm.,Ph.D, Associate Professor , Aditya Pharmacy College ,Surampalem,Andhra Pradesh.We also declare that the matter embodied, it is a genuine wok.

Mokkapati Lahari	(193G1R0062)	M. Lahari
Moma Yakub Peter	(193G1R0063)	
Mucherla Sri Bhanu Rama Pravallika	(193G1R0064)	M. S. B. R. Pravallika
Mudduna Jagadiswari	(193G1R0065)	H. Jagadiswari
Nikita Toppo	(193G1R0067)	




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ASSESSMENT OF INVITRO ANTI-INFLAMMATORY AND ANTI-OXIDANT ACTIVITY OF HYDRO DISTILLATE OF CUMINUM CYMINUM

Dissertation submitted to the Jawaharlal Nehru Technological University, Kakinada in partial fulfilment of the requirements for the Degree of Bachelor of Pharmacy (2023)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA.

SUBMITTED BY

Vijay Prasad Yadav (193G1R0068)

P. Muralidhar Raju (193G1R0071)

Prakash Thakur (193G1R0069)

P. Sharon Priyanka(193G1R0072)

Lakshmi Bhavani(193G1R0070)



UNDER THE GUIDANCE OF

Ch. LAKSHMI MADHAVI, B.Pharm, M.Phil, Ph.D.
Assistant Professor
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Surampalem - 533437 2019-2023



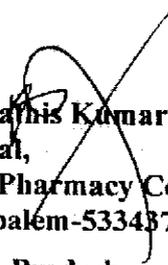
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CERTIFICATE



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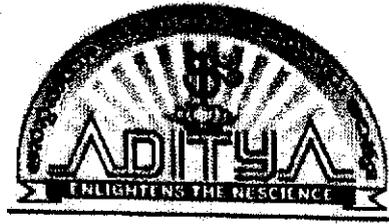

Dr.D. Sathis Kumar, M.Pharm, Ph.D,
Principal,
Aditya Pharmacy College,
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Andhra Pradesh.

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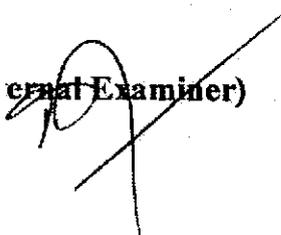



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This is to certify that the dissertation work entitled a study on "METHOD DEVELOPMENT AND VALIDATION OF OXCARBAZEPINE BY USING U.V VISIBLE SPECTROSCOPY" submitted in partial fulfillment of the degree in Bachelor of Pharmacy of the Jawaharlal Nehru Technological University, Kakinada for the academic year 2019-2023. This is a bonafide work carried out by *L.Manoranjani (193G1R0035)*, *L.S.Supriya (193G1R0036)*, *Isthakar Ahmed (193G1R0037)*, *M.G.V.Sivani (193G1R0039)*, *K.Supraja (193G1R0040)* under the direct guidance and supervision of *Dr. Srikanth M.Pharm., (Ph.D.)*, Assistant Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.


(External Examiner)


(External Examiner)


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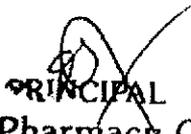


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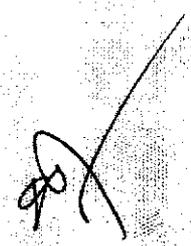


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SATHIS KUMAR., M.Pharm., Ph.D.,
Principal and Professor,
Aditya Pharmacy College,
Surampalem,


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Aditya Pharmacy College
SURAMPALEM-533 437




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Aditya Pharmacy College
SURAMPALEM-533 437

DECLARATION

hereby declare that the dissertation work entitled a study on **METHOD DEVELOPMENT AND VALIDATION OF OXCARBAZEPINE BY USING U.V VISIBLE SPECTROSCOPY** partial fulfillment of the degree in Bachelor of pharmacy of the Jawaharlal Nehru Technological University, Anaparthi, Andhra Pradesh for the academic year 2019-2023, was carried out by us in the library and laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of M. Sarika M.Pharm., (Ph.D.), Assistant Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh. We also declare that the matter embodied in it is a genuine work.

Manoranjani (193G1R0035),

I. Mandlanjani

Supriya (193G1R0036),

I. S. Supriya.

Asif Kar Ahmed (193G1R0037),

Asif Kar Ahmed.

G.V.Sivani (193G1R0039),

K.D.G.V. Sivani

Supraja (193G1R0040).

K. Supraja.



[Signature]
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CONCLUSION

The results indicate that the proposed method is simple, precise and accurate. They comply the method validation in line with ICH guidelines. Moreover, Spectroscopical analysis are readily available and affordable.

SUMMARIZED TABLE:

PARAMETER	RESULTS		
	Methanol	Phosphate Buffer Solution of P ^H 3.6	Phosphate Buffer Solution of P ^H 6.8
Wavelength(nm)	254	254	254
Linearity Range	5 - 25µg/ml	5 - 25µg/ml	5 - 25µg/ml
Regression Equation	0.9984	0.9937	0.987
Slope (m)	0.0164	0.0203	0.0183
Intercept (c)	0.0022	0.0196	0.0099
LOD	0.179 µg/ml	0.132µg/ml	0.098µg/ml
LOQ	0.545µg/ml	0.401µg/ml	0.299µg/ml

TAB LE 7.1: Summarized Table for Oxcarbazepine



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MICROBIOLOGICAL ASSAY OF ANTIHISTAMINES USING PROMETHAZINE

Dissertation submitted to

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA



In the partial fulfilment of the requirements for the Award of the degree of

BACHELOR OF PHARMACY

BY

KALAM SHEKH (193G1R0041)

KAMPA SUDHEER KUMAR (193G1R0042)

KANCHARLA UDAYA BHANU (193G1R0043)

KARRI UMA TRILOKA (193G1R0044)

KATTA VANDANA (193G1R0045)

Under the guidance of

K.PYDIRAJU, M.Pharm.(PhD)

Associate Professor



ADITYA PHARMACY COLLEGE

Surampalem, Andhra Pradesh, India – 533437

Batch: 2019 - 2023

A handwritten signature in black ink, likely of the Principal, is written over the college name and address.

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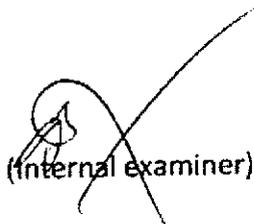
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Surampalem 533437, E.G. District, Andhra Pradesh

CERTIFICATE

This is to certify that the dissertation work entitled a study on "MICROBIOLOGICAL ASSAY OF ANTIHISTAMINES USING PROMETHAZINE" submitted in partial fulfilment of the degree in bachelor of pharmacy of the JNT University, Kakinada for the academic year 2019 – 2023. This is a bonafide work carried out by KALAM SHEKH (193G1R0041), KAMPA SUDHEER KUMAR (193G130042), KANCHARLA UDAYA BHANU (193G1R0043), KARRI UMA TRILOKA (193G1R0044), KATTA VANDANA (193G1R0045), under the direct guidance and supervision of K.PYDIRAJU M.Pharm,(PhD) Associate Professor in Aditya Pharmacy College, surampalem, Andhra Pradesh.


(Internal examiner)


(External examiner)




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(Affiliated to PCI, AICTE & JNTUK)

Surampalem 533437, E.G. District, Andhra Pradesh

CERTIFICATE

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Date:

(Principal)
Dr.D.Sathis Kumar, M.Pharm, PhD

Principal & Professor

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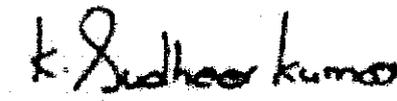
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DECLARATION

We hereby declare that the dissertation work entitled "MICROBIOLOGICAL ASSAY OF ANTIHISTAMINES USING PROMETHAZINE" in partial fulfillment of the degree in Bachelor of Pharmacy of the JNTU, Kakinada for the academic year 2019 - 2023, was carried out by us in the library and laboratories of Aditya Pharmacy college, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of Mr.K.Pydiraju, M.Pharm (PhD)Associate Professor. We also declare that the matter embodied in it is a genuine work.


KALAM SREERAJ

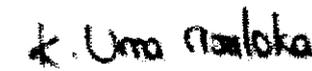
(193G1R0041)


KAMPA SUDHEER KUMAR

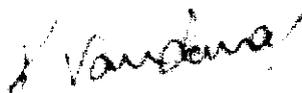
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9. Conclusion:-

The Zone of Inhibition is a very important measure that is required in the pre-diagnostic tests at a laboratory. The final output, which is, whether a particular antihistamine is effective against a given bacteria present in the patient or not, is the precursor to any treatment that would be administered to that patient. Hence an easy way of calculating the diameter of the Zone of Inhibition was a necessity.

This work presents algorithms which are capable of returning the accurate diameter of the Zone of Inhibition by using Image Processing techniques. It reduces the amount of human interaction required to calculate and tabulate the diameter of the zone. Apart from that it also provides a means to directly see which antihistamine the bacteria is susceptible by including a lookup of the standard specifications,

This simple system can be very helpful in rural and semi-urban areas where there is a lack of skilled work force. It is also helpful in areas where there is a need for quick identification and tabulation of details as in the case of an emergency.

The future work related to this work involves the creation of a product that will be self-sufficient to measure the Zone of Inhibition without the requirement of a laptop. The envisioned product utilized embedded systems in the place of a laptop. Thus the need for a physical computer will be eliminated.



A handwritten signature in black ink, appearing to be "A. S. S.", written over the printed name of the Principal.

PRINCIPAL

Aditya Pharmacy College

"FORMULATION AND EVALUATION OF HERBAL HAIR GEL"

*Dissertation submitted to the JNTU-K University in partial fulfilment of the requirements
for the degree of Bachelor of Pharmacy.*

(2023)



Jawaharlal Nehru Technological University, Kakinada, A.P

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Ketha. Lakshmi Bhavani (193G1R0047)
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Kombathula. Lisa (193G1R0050)



Under the guidance of

Mrs. Gowripattapu Sridevi M.Pharm., (Ph.D)

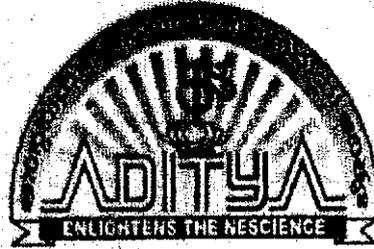
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2019-2023**

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CERTIFICATE



This is to certify that the dissertation entitled "Formulation and Evaluation of Herbal hair gel", submitted to the JNTU-K University, Kakinada, in partial fulfilment of the requirements for the award of the degree of Bachelor of Pharmacy is a record of original research work carried out by Kaustubh Priyanshu (193G1R0046), Ketha.LakshmiBhavani (193G1R0047) Kilari Venkata Deepika (193G1R0048), Vanessa Williams Kisakye (193G1R0049), Kombathula. Lisa (193G1R0050) under the supervision of Mrs. Gowripattapu Sridevi, M.Pharm (Ph.D.), and it has been previously not submitted to and other University of Academic Institution for any higher degree.

Place: Surampalem

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Internal Examiner



External Examiner

DECLARATION



The project embodied in this thesis entitled "Formulation and Evaluation of Herbal hair gel", was carried out in the Department of Pharmaceutics under the guidance of Mrs. Gowripattapu Sridevi, M.Pharm., (Ph.D) Aditya Pharmacy College, Surampalem. The extent and source of information derived from the existence literature have been indicated throughout thesis of the project work at appropriate places.

Kaustubh Priyanshu (193G1R0046) *Kaustubh Priyanshu*

Ketha. Lakshmi Bhavani (193G1R0047) *K.L. Bhavani*

Kilari. Venkata Deepika (193G1R0048) *K.V. Deepika.*

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SUMMARY & CONCLUSION

The following conclusions were summarized from the study. The formulations were prepared so as to minimize base formulation by having a low pH. The pH was maintained for all formulations. All six formulations show stability for 6 months and consistency was seen for all the prepared formulations. One of the best formulations HCF6 (F6) show physical appearance (white cream, pale yellow) and indicates stronger rheological behavior (stable in force stability) and one of the best formulations HCF6 (F6) shows pH 5.8 which is suited to the scalp and does not irritate the scalp and thereby, and applicability was noted for HCF6 (F6). All the formulations show washability easy and no stickiness. All the formulations show good compatibility and non-irritant.

From this study, it was concluded that normal hair gel formulation HCF6 (F6) was optimized by base formulation which helps in controlling hair falling, improves hair growth, soothes the scalp and protect the hair, soothes and detangle scalp and promotes the hair based on the literature review and online sources. The study concludes that HCF6 (F6) formulation improves hair growth and result in smoother hair. The study also concludes that HCF6 (F6) contains myristic acid as main constituent responsible for hair growth and antifungal properties which improves hair quality.



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**"SYNTHESIS AND MOLECULAR DOCKING
STUDIES OF 2,4,5-TRIPHENYL-1H-IMIDAZOLE"**

Dissertation submitted to the Jawaharlal Nehru Technological University, Kakinada in
partial fulfillment of the requirements for the degree of Bachelor of Pharmacy (2023)



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

Submitted by

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MATTU SUJITHA (193G1R0058)
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Under the guidance of

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Department of Pharmaceutical chemistry

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Batch: 2019-2023



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CHAPTER 7

CONCLUSION

Cuminum cyminum has numerous actions like enhancing strength, enhancing vision, and lactation. Its seed has been used for traditional treatment of toothache, epilepsy, dyspepsia, and jaundice. It has several pharmacological effects including immunologic, anti-diabetic, antimicrobial, and anti-tumor activities.

In this study, the hydro distillate of Cuminum cyminum from the seeds was obtained to investigate the invitro anti-inflammatory and anti-oxidant activities. To investigate the anti-inflammatory activity, protein denaturation method and hypotonic induced haemolysis were performed. Whereas to investigate the anti-oxidant activity, nitric oxide method and DPPH method were performed.

Based on the results obtained the following conclusions can be drawn:

- In the Protein denaturation method, the absorbance values obtained by the cumin extract (test) and the diclofenac sodium (standard) have the similar values which shows that the cumin extract has anti-inflammatory activity similar to that of diclofenac sodium.
- In the Hypotonic induced haemolysis method, the absorbance values obtained by the cumin extract (test) and the diclofenac sodium (standard) have obtained the almost similar values which proves that the cumin extract has anti-inflammatory activity similar to that of diclofenac sodium.
- In the nitric oxide method, it was found that as the concentration of cumin extract increases the Nitric oxide Scavenged (%) also increased there by it shows that cumin has increasing anti-oxidant activity with increase in the concentration.
- In the DPPDH method, the absorbance values obtained by the cumin extract (test) and the ascorbic acid (standard) have almost similar values which proves that the cumin extract has anti-oxidant activity similar to that of ascorbic acid.

Hence the present study demonstrates a scientific support for the the invitro anti-inflammatory and anti-oxidant activities of hydro distillate of Cuminum cyminum.




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**"FORMULATION AND EVALUATION OF METRONIDAZOLE
FAST DISSOLVING TABLETS"**

Dissertation submitted to the JNTU-K University in partial
fulfilment of the requirements for the degree of Bachelor of
Pharmacy.

(2019-2023)



Jawaharlal Nehru Technological University,

Kakinada, A.P

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PAMPANA PRASANNA VENI (193G1R0074)

PANDRANGI SATYA LAKSHMI (193G1R0075)

PRASENJIT SARKAR (193G1R0076)

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Associate. Professor

Department of Pharmaceutical Technology

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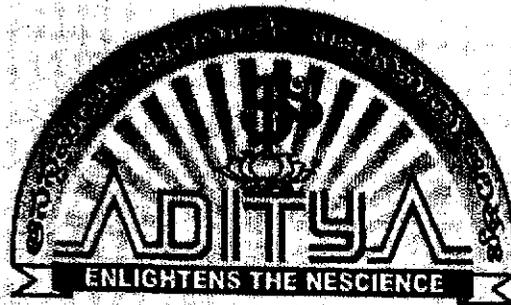
2019-2023

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SIRRAMPALEM-533 437**



DECLARATION



The project embodied in this thesis entitled "Formulation and Evaluation of Metronidazole Fast Dissolving Tablets", was carried out in the Department of Pharmaceutics under the guidance of T. Uday Kumar, M. Pharm, Ph.D, Aditya Pharmacy College, Surampalem. The extent and source of information derived from the existence literature have been indicated throughout thesis of the project work at appropriate places.

PALIVELA SAHITHI (193G1R0073) *P. Sahithi*

PAMPANA PRASANNA VENI(193G1R0074) *P. Prasananna Veni*

PANDRANGI SATYA LAKSHMI(193G1R0075) *P. Satya*

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CONCLUSION

The ultimate goal of formulation of metronidazole fast dissolving tablets is to get optimal treatment with maximal safety. Compared with sustained release formulation immediate release formulation avoids dose dumping and allows fast onset of action which has advantage of greater convenience and potentially improved compliance. It can be reasonable accomplished by development of tablets using super disintegrant.

In this present investigation ,an attempt was made to develop the immediate release of Metronidazole tablets a novel antibiotic to treat Giardiasis, Pelvic inflammatory disease as a model drug. Standard graph of Metronidazole in 0.1N HCl buffer was prepared by using UV Spectro- photometer at 273nm .It has good reproducibility and this method was used to find out concentration of metronidazole from formulation. In vitro drug release studies and disintegration time studies were conducted for tablets .From data it was found the percentage of super disintegrant affect the release profile. As the amount of super disintegrant increases, drug release was enhanced. The excipients like tartaric acid and sodium bicarbonate are resulted in increased effervescence of the tablet. In vitro dissolution test was compared with marketed sample and F5 values were calculated for optimized batch. Dissolution profile was matched with marketed and F5 values was good. Various Kinetic models were assessed for the optimized formulation (F5)and marketed tablets.It was observed that F5 was following first order and it complies with marketed. The optimized formulation(F5) shows highest R2. Thus ,the objective of this research work was fulfilled by developing fast release drug delivery system with less disintegration time of tablets containing metroni- dazole as a model drug and a success of in-vitro drug release studies recommend the product for further in vivo studies which may improve patient compliance.



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SURVEY ON MEDICINAL PLANTS IN ADITYA CAMPUS

Is a Dissertation Submitted to the

JNT University, Kakinada



In Partial Fulfillment of the Requirements for the
Award of the Degree of

BACHELOR OF PHARMACY

BY

Priti Mallik(193G1R0078)

Pulugurtha Subhashitha (193G1R0079)

Padala Rajani (193G1R0080)

Raj Priya Himanshu (193G1R0081)

Rani Prasad (193G1R0082)

Under the Guidance of

Dr. D. Sathis Kumar, M.Pharm. Ph.D.,

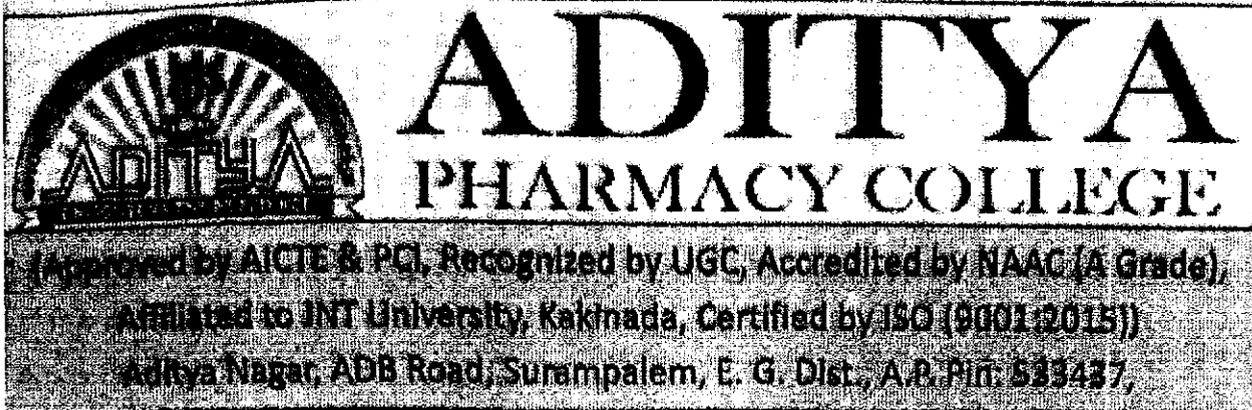
Professor & Principal



Aditya Pharmacy College, Aditya Campus, Sirampalem - 533 437
2017



Aditya Pharmacy College
SIRAMPALAM-533 437



Dr. D.SathisKumar, M. Pharm., Ph. D.
Principal & Professor

CERTIFICATE

This is to certify that the dissertation work entitled "Survey on Medicinal Plants in Aditya Campus" is submitted to the JNT University, Kakinada in partial fulfillment for the award of the degree of Bachelor of Pharmacy. This is a bonafied work Carried out by Priti Mallik (193G1R0078), Pulugurtha Subhashitha (193G1R0079), Padala Rajani (193G1R0080), Raj Priya Himanshu (193G1R0081) & Rani Prasad (193G1R0082) under the supervision of Dr.D.Sathis Kumar, Professor, Aditya Pharmacy College, Surampalem.

Place: Surampalem

Date: 15/04/23

Principal

(Dr.D.SathisKumar.)

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Affiliated to JNT University, Kakinada, Certified by ISO (9001:2015)
Aditya Nagar, ADB Road, Surampalem, E. G. Dist., A.P. Pin: 533437,

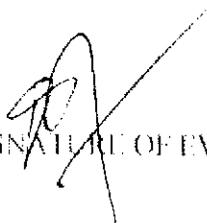
EVALUATION CERTIFICATE

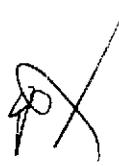
This is to certify that the dissertation work entitled "Survey on Medicinal Plants in Aditya Campus" is submitted to the JNT University, Kakinada in partial fulfillment for the award of the degree of Bachelor of Pharmacy. This is a bonafied work Carried out by Priti Mallik (193G1R0078), Pulugurtha Subhashitha (193G1R0079), Padala Rajani (193G1R0080), Raj Priya Himanshu (193G1R0081) & Rani Prasad (193G1R0082) under the supervision of me.

Date: 15/01/23


SIGNATURE OF EVALUATOR 1

Place: Surampalem


SIGNATURE OF EVALUATOR 2


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DECLARATION

We, Priti Mallik (193G1R0078), Pulugurtha Subhashitha (193G1R0079), Padala Rajani (193G1R0080), Raj Priya Himanshu (193G1R0081) and Rani Prasad (193G1R0082), do hereby declare that the dissertation entitled "Survey on Medicinal plants in Aditya Campus" is a record of genuine research work carried out by us under the supervision of Dr.D.Sathis Kumar, Professor, Aditya Pharmacy College, Surampalem. The work reported herein has not been previously submitted by other persons for qualifications at any other University or academic institutions unless otherwise referenced or acknowledged.

Place: Surampalem

Priti Mallik (193G1R0078), Priti Mallik

Pulugurtha Subhashitha (193G1R0079), P. Subhashitha

Padala Rajani (193G1R0080), P. Rajani

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Rani Prasad (193G1R0082), Rani Prasad



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6. CONCLUSIONS:

The study shows that a wide diversity plant species in the Aditya complex are used medicinally for many diseases. Such plants are especially useful for those who cannot afford modern medical facilities and in cases where modern health facilities are not easily accessible. Students and visitors of Aditya Campus should know the knowledge and application of herbal medicine for treating various diseases which is a part of our life and culture. It preserves the integrity of medicinal plants and indigenous knowledge of herbal medicinal use.

It will be easy to them by scanning of QR Code to know about the plants. The documented plants have potential of being used in drug development. It will be easy for them to learn about the plants by scanning the QR code. Documented plants have the potential to be used in drug development.



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**"MICROWAVE ASSISTED SYNTHESIS & DOCKING STUDIES OF
NOVEL DERIVATIVES OF 7-HYDROXY-4-METHYL COUMARIN"**

Dissertation submitted to the Jawaharlal Nehru Technological University, Kakinada in
partial fulfillment of the requirements for the degree of *Bachelor of Pharmacy (2023)*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY,
KAKINADA**

Submitted by

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S.J.S.D. ANITHA (193G1R0085)

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S. ANUSHA SNIGDHA (193G1R0087)

T. NAVYA (193G1R00A0)

Under the guidance of

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Department of Pharmaceutical chemistry
Assistant Professor



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CERTIFICATE

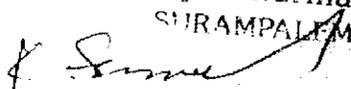
This is to certify that the dissertation work entitled a study on "MICROWAVE ASSISTED SYNTHESIS & DOCKING STUDIES OF NOVEL DERIVATIVES OF 7-HYDROXY-4-METHYL COUMARIN" submitted in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023. The original research work carried out by SANJEET KUMAR (193G1R0084), S.J.S.D.ANITHA (193G1R0085), SARANAN KUMAR (193G1R0086), S.ANUSHA SNIGDHA (193G1R0087), T.NAVYA (193G1R00A0) under the direct guidance and supervision of MS.T.SRI SOWKHYA M.Pharm., Department of pharmaceutical chemistry, Assistant Professor, Aditya Pharmacy College, Surampalem, and Andhra Pradesh.

Place: Surampalem

Date:


Principal


(INTERNAL EXAMINER)


(EXTERNAL EXAMINER)




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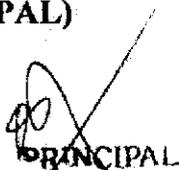
Dr. D. Sathis kumar, M.Pharm., Ph.D.,

Principal & Professor.

CERTIFICATE

This is to certify that the dissertation work entitled a study on "MICROWAVE ASSISTED SYNTHESIS & DOCKING STUDIES OF NOVEL DERIVATIVES OF 7-HYDROXY-4-METHYL COUMARIN" submitted in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023. The original research work carried out by SANJEET KUMAR (193G1R0084), S.J.S.D.ANITHA (193G1R0085), SARANAN KUMAR (193G1R0086), S.ANUSHA SNIGDHA (193G1R0087), T.NAVYA (193G1R00A0) under the direct guidance and supervision of MS.T.SRI.SOWKHYA, M.Pharm., Pharmaceutical chemistry, Assistant Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.

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DECLARATION

We hereby declare that the dissertation work entitled **MICROWAVE ASSISTED SYNTHESIS & DOCKING STUDIES OF NOVEL DERIVATIVES OF 7-HYDROXY-4-METHYL COUMARIN** in partial fulfillment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023, was carried out by us in the library and laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of Ms.T.SRI SOWKHYA M.Pharm., Pharmaceutical chemistry, Assistant Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh. We also declare that the matter embodied in it is a genuine work.

Sanjeet Kumar

SANJEET KUMAR
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S. Anitha

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Chapter- VI SUMMARY AND CONCLUSION

7-hydroxy-4-methyl coumarin derivatives are reported for the anti microbial, anticoagulant, antioxidant, antibacterial, antifungal, antidiabetic activity, anti-inflammatory activities etc. As per the plan and objectives we carried extensive literature survey, based on the literature, designed a scheme for the synthesis of various 7-hydroxy-4-methyl coumarin derivatives.

7-hydroxy-4-methyl coumarin were synthesized by the equimolar amount of Resorcinol and Ethyl acetoacetate with Conc. sulphuric acid. The product is formed in a single step with the elimination of H₂O and Ethanol. It is an exothermic reaction such a way heat is not required then crystallization occur at room temperature.

By performing the microwave assisted synthesis process the novel derivatives can be produced.

7-hydroxy-4-methyl coumarin by combining with the amines like Triethyl amine and Diethyl amine and produced the novel derivatives like 1a, 1b.

The 1a, 1b derivatives shows good anti-microbial activity.

The compounds were screened for the bioactivity score. All the compounds showed good binding towards 3PGH.

All the synthesized compounds (1a, 1b) screened for their physico-chemical parameters Bioactivity scores by using online tools BIOVIA and Dwinperl

The compound (1a) displayed Conventional Hydrogen Bond with Ser A:38; Vanderwaals

with ValA:165, ProA:40, AspA:53, AlaA:33A, AsnA:34; Pi-Alkyl with CysA:37, ProA:35,

TyrA:55.

The compound (1b) displayed conventional Hydrogen Bond with Ser A:38; Pi-Alkyl with

CysA:37, ProA:35, TyrA:5.

7-hydroxy-4-methyl coumarin derivatives were synthesized (1a, 1b) were synthesized in good yield. Docking studies revealed that compounds showed good binding affinity towards COX-2, Prostaglandin synthase protein

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“FORMULATION AND EVALUATION OF TINOXIDE SOLID LIPID NANOPARTICLES”

Dissertation submitted to the JNTU-k University in partial fulfillment of the
requirements for the degree of Bachelor of Pharmacy

(2023)



Jawaharlal Nehru Technological University, Kakinada, A.P

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Soumik Bose (193G1R0091)

Srikakolapu Lakshmana Naga Kiran (193G1R0093)

Sunday Goch Kur Deng (193G1R0094)

Polisetti Geetha Satya Sri (183G1R0072)



Under the guidance of

Mr.G.Ramakrishna M.Pharm., (Ph.D)

Assistant Professor
Department of Pharmaceutics
Aditya Pharmacy College,
Surrampalem-533437
2019-2023

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6E

CERTIFICATE



This is to certify that the dissertation entitled "Formulation and Evaluation of Solid Lipid nanoparticles by using Magnet Stirring Method", submitted to the JNTU-K University, Kakinada, in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a record of original research work carried out by Shaik Suhan Begam (193G1R0088), Shamik Mondal (193G1R0089), Soumik Bose (193G1R0091), Srikakolapu Lakshmana Naga Kiran (193G1R0093), Sunday Goch Kur Deng (193G1R0094) Polisetti Geetha Satya Sri (183G1R0072) under the supervision of Mr.G.Ramakrishna M.Pharm., (Ph.D), and it has been previously not submitted to any other University of Academic Institution for any higher degree.

Place: surampalem

Date:

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DECLARATION



The project embodied in this thesis entitled "Formulation and evaluation of solid lipid nanoparticles", was carried out in the Department of Pharmaceutics under the guidance of, Mr.G.Ramakrishna M.Pharm., (Ph.D) Aditya Pharmacy College, Surampalem. The extent and source of information derived from the existence literature have been indicated throughout thesis of the project work at appropriate places.

Shaik Suhan Begam (193G1R0088) Shaik. Suhan Begam

Shamik Mondal (193G1R0089) Shamik Mondal

Soumik Bose (193G1R0091) Soumik Bose

Srikakolapu Lakshmana Naga Kiran (193G1R0093) S.L.N. Kiran

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SUMMARY

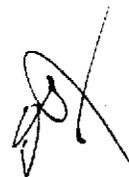
The anti-microbial activity of tin oxide solid lipid nanoparticles was evaluated in a study, and the results showed significant inhibitory effects against *Staphylococcus aureus* (gram positive). The minimum inhibitory concentration 0.11%w/v values indicated that the nanoparticles.

These findings suggest that tin oxide solid lipid nanoparticles have potential as a highly effective study highlights the potential of these nanoparticles for various antimicrobial applications in the pharmaceutical and medical industries.

CONCLUSION

In the study, tin oxide solid lipid nanoparticles were formulated and evaluated for their characteristics using SEM imaging. The nanoparticles exhibited a sheet like structure with a rough surface and a size distribution range of 228 nm. Their dispersibility in water indicated the potential for easy incorporation into formulations.

The anti-microbial activity of the nanoparticles was assessed, and they showed significant effectiveness against Gram-positive.



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*Dissertation submitted to the Jawaharlal Nehru Technological University,
Kakinada in partial fulfillment of the requirements for the degree of Bachelor
of Pharmacy (2023)*



JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA

Submitted BY

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VELISETTI VENKATA RAMA KRISHNA CHAITANYA (193G1R00A4)

MUNGALLA SURYA VASANTHA LAKSHMI (193G1R00B1)

MD.MANAUUL ANSARY (193G1R00B5)

Under the Guidance of

Miss BALLA. SUJIYA, M. Pharm.

Associate Professor



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8

CERTIFICATE



This is to certify that the dissertation entitled "COLORIMETRIC DETERMINATION OF PHENOLS AND FLAVONOIDS OF PUNICA GRANATUM PLANT EXTRACTS BY DERIVATIZATION METHOD AND FTIR STUDIES" was submitted to the Jawaharlal Nehru Technological University, Kakinada in partial fulfillment of the requirements for the award of the degree of Bachelor of Pharmacy is a record of original research work carried out by

RIYA KUMARI (193G1R0083), TINASHE MUFUDZA (193G1R00A1), TIPPANI BHARGAVI (193G1R00A2), VELISETTI VENKATA RAMA KRISHNA CHAITANYA (193G1R00A4), MUNGALLA SURYA VASANTHA LAKSHMI (193G1R00B1), MD. MANAUL ANSARY (193G1R00B5).

They have done this research work under the supervision of MISS. BALLA.SUJIYA, M. Pharm and it has not been previously submitted to any other university or academic institution for any higher degree.

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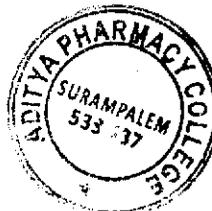
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DECLARATION

The Project embodied in this thesis entitled "COLORIMETRIC DETERMINATION OF PHENOLS AND FLAVONOIDS OF PUNICA GRANATUM PLANT EXTRACTS BY DERIVATIZATION METHENOD AND FTIR STUDIES" was carried out in the Department of Pharmaceutical Analysis under the guidance of Miss. BALLA.SUJIYA, M. Pharm, Aditya Pharmacy College, Surampalem.

The extent and source of information derived from the existence literature have been indicated throughout thesis of the project work at appropriate places.

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CONCLUSION

The results indicate that the proposed method is simple, precise, and accurate. They comply with the Method Validation in line with ICH guidelines. Moreover, colorimeters are readily available and affordable.

SUMMARIZED TABLE:

PEEL ETHANOLIC EXTRACT

Parameter	Results
Wavelength(nm)	400nm
Linearity Range	1-5µg/ml
Regression	0.998
Slope	0.016
Intercept	0.0174
LOD	0.691µg/ml
LOQ	1.32 µg/ml

Table 1.65: Summarized table for PEEL ETHANOL EXTRACT

PEEL AQUEOUS EXTRACT

Parameter	Results
Wavelength(nm)	400nm
Linearity Range	1-5µg/ml
Regression	0.9855
Slope	0.0654
Intercept	0.0108
LOD	0.771µg/ml
LOQ	1.55µg/ml

Table 1.66: Summarized table for PEEL AQUEOUS EXTRACT



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EVALUATION OF ANTI-ANGIOGENIC ACTIVITY BY
LACOSAMIDE USING CHICK CAM ASSAY

A Dissertation Submitted to
JNT UNIVERSITY, KAKINADA



In partial fulfilment for the award of the degree of
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Krishna Kunal Singh (193G1R0052)

Kundrapu Varshitha (193G1R0053)

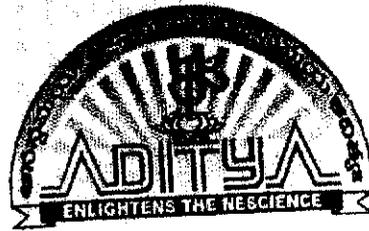
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Batch: 2019-2023

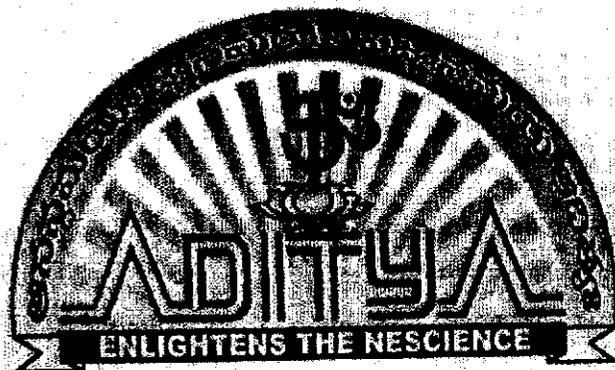
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48

CERTIFICATE



This is to certify that the dissertation work entitled a study on "EVALUATION OF ANTI ANGIOGENIC ACTIVITY BY LACOSAMIDE USING CHICK CAM ASSAY" submitted in partial fulfilment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023. This is a bonafide work carried out by Korasika Alekya (193G1R0051), Krishna Kunal Singh (193G1R0052), Kundrapu Varshitha (193G1R0053), Kushum Paul (193G1R0054), Kyembe Abel Nkunka (193G1R0055), Madana Uma Rajeswari (193G1R0056) under the direct guidance and supervision of Dr.P.S.S.Sai Kiran M.Pharm, Ph.D., Associate Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.

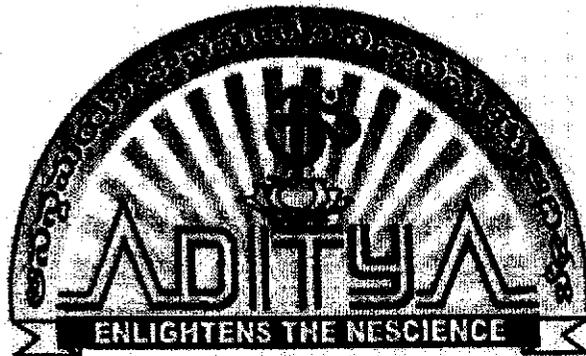
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(External Examiner)



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This is to certify that the dissertation work entitled a study on "EVALUATION OF ANTI ANGIOGENIC ACTIVITY BY LACOSAMIDE USING CHICK CAM ASSAY" submitted in partial fulfilment of the degree in Bachelor of Pharmacy of the JNT University, Kakinada for the academic year 2019-2023. This is a bonafide work carried out by Korasika Alekya (193G1R0051), Krishna Kunal Singh (193G1R0052), Kundrapu Varshitha (193G1R0053), Kushum Paul (193G1R0054), Kyembe Abel Nkunka (193G1R0055), Madana Uma Rajeswari (193G1R0056) under the direct guidance and supervision of Dr.P.S.S.Sai Kiran M.Pharm., Ph.D., Associate Professor, Aditya Pharmacy College, Surampalem, Andhra Pradesh.

Dr.D.SATHIS KUMAR, M.Pharm., P h.D

Principal and Professor.

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DECLARATION

We hereby declare that the dissertation work entitled "EVALUATION OF ANTI ANGIOGENIC ACTIVITY BY LACOSAMIDE USING CHICK CAM ASSAY" in partial fulfilment of the degree in Bachelor of pharmacy of the JNT University, Kakinada for the academic year 2019-2023, was carried out by us in the library and laboratories of Aditya Pharmacy College, Surampalem, Andhra Pradesh under the valuable and efficient guidance and supervision of Dr. P.S.S. Sai Kiran, M.Pharm., Ph.D., Associate professor, Aditya Pharmacy college, Surampalem, Andhra Pradesh. We also declare that the matter embodied in it is a genuine work.

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M. Uma Rajeswari

Madana Uma Rajeswari (193G1R0056)



CONCLUSION

Lacosamide may be a promising novel candidate for the prevention and treatment of cancer pain including chemotherapy-induced peripheral neuropathy. Here we report on a successful case of cisplatin-induced neuropathy treated with lacosamide. As far as we know, this is the first reported case of its kind. There should be further investigation into the natural history of CIPN associated with various classes of neurotoxic chemotherapy agents. This may provide important insight for the development of new strategies in prevention and treatment of CIPN.

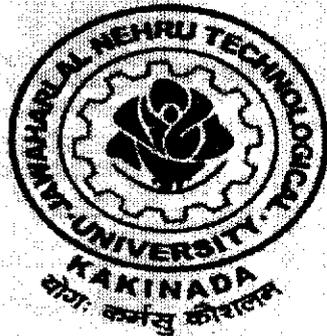


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**SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF SOME NOVEL
6-(1H-BENZO[D][1,2,3]TRIAZOL-1-YL)-4-PHENYL-3,4-
DIHYDROPYRIMIDIN-2(1H)-ONE**

A dissertation submitted to Jawaharlal Nehru Technology
University, Kakinada in partial fulfilment for the award of the degree of



BACHELOR OF PHARMACY

(2019-2023)

Submitted by

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92

CERTIFICATE



ANTIBACTERIAL ACTIVITY OF SOME NOVEL 6-(1H-BENZO[D][1,2,3]TRIAZOL-1-YL)-4-PHENYL-3,4-DIHYDROPYRIMIDIN-2(1H)-ONE was submitted to the Jawaharlal Nehru Technological University, Kakinada in partial fulfilment of the award of the degree of Bachelor of Pharmacy is a record of original research work carried out by VANAPALLI SUSMITHA (193G1R00A3), YERRAMILI SRI DATTA AGASTHYA NIKHIL TILAK (193G1R00A5), AKI NIKITHA SAI PADMA (193G1R00A6), CHALLA PRAVEEN KUMAR (193G1R00A7), MD SAIFUL ISLAM (193G1R00A8), ALISHA KHANAM (193G1R00A9). They have done this research work under the supervision of Mr. SHAIK. RAFI, M.Pharm and it has not been submitted to any other university or academic institution for any high degree.

Place: Surampalem

Date: 15-04-2023

(Principal)

Dr. Sathis Kumar, M-Pharm, Ph.D

Principal & Professor.

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36

CERTIFICATE



This is to certify that the dissertation entitled **“SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF SOME NOVEL 6-(1H-BENZO[D][1,2,3]TRIAZOL-1-YL)-4-PHENYL-3,4-DIHYDROPYRIMIDIN-2(1H)-ONE”** was submitted to the

Jawaharlal Nehru Technological University, Kakinada in partial fulfilment of the award of the degree of Bachelor of Pharmacy is a record of original research work carried out by VANAPALLI SUSMITHA (193G1R00A3), YERRAMILI SRI DATTA AGASTHYA NIKHIL TILAK (193G1R00A5), AKI NIKITHA SAI PADMA (193G1R00A6), CHALLA PRAVEEN KUMAR (193G1R00A7), MD SAIFUL ISLAM (193G1R00A8), ALISHA KHANAM (193G1R00A9). They have done this research work under the supervision of Mr. SHAIK.RAFI, M. Pharm and it has not been submitted to any other university or academic institution for any higher degree.

Place: Surampalem

Date: 15-04-2023

Internal examiner



External examiner

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7/6

DECLARATION

The project embodied in this thesis "SYNTHESIS AND ANTIBACTERIAL ACTIVITY OF SOME NOVEL 6-(1H-BENZO[D][1,2,3]TRIAZOL-1-YL)-4-PHENYL-3,4-DIHYDROPYRIMIDIN-2(1H)-ONE" was carried out in the department of Pharmaceutical Organic Chemistry under the guidance of Mr. Shaik Rafi M.Pharm, Aditya Pharmacy College, Surampalem. The extent and source of information derived from existence literature have been indicated throughout thesis of the project work at appropriate places.

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ALISHA KHANAM (193G1R00A9) *Alisha*


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SUMMARY AND CONCLUSION

- The title compounds were prepared by taking equal moles of compound-2 and suitable aldehyde in a clean mortar and triturate with 40% alcoholic NaOH by adding drop by drop the solid product comes around 15 to 20 min.
- All the compounds synthesized were characterized by physical (R_f values, melting point, molecular weight, molecular formula).
- The title compounds were screened for antibacterial activity. The tested compounds do not have antibacterial activity at 250 μ ml concentration.



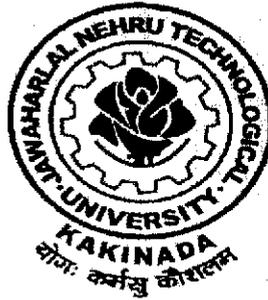
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**“FORMULATION AND EVALUATION OF
SALICYLIC ACID SUSPENSION USING ARAUCARIA
HETEROPHYLLA GUM AS A SUSPENDING AGENT”**

*Dissertation submitted to the Jawaharlal Nehru Technological University,
Kakinada in partial fulfilment of the requirements for the degree of Bachelor of
Pharmacy (2023)*



**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, KAKINADA
BACHELOR OF PHARMACY**

**SUBMITTED BY
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SUSHIL KUMAR (193G1R0096)

SWAMIREDDY MAHALAKSHMI (193G1R0097)

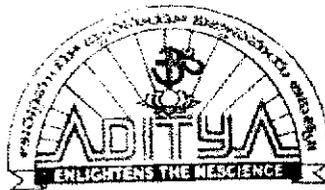
SWEETY CHYRMANG (193G1R0098)

AVINASH RANJAN SAH (193G1R00B4)

**UNDER THE GUIDANCE OF
Dr. CH. S PHANI KUMAR M. Pharm, Ph. D**

Professor

Department of Pharmaceutics



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**Surampalem – 533437
2022-2023**

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CERTIFICATE

This is to certify that the dissertation entitled "FORMULATION AND EVALUATION OF SALICYLIC ACID SUSPENSION USING *ARAUCARIA HETEROPHYLLA* GUM AS A SUSPENDING AGENT" submitted to the JNT University, Kakinada in partial fulfillment of the requirements for the award of the degree of Bachelor of pharmacy is a record of original research work carried out by SUNKARA SURYA KIRAN (193G1R0095) SUSHIL KUMAR (193G1R0096) SWAMIREDDY MAHALAKSHMI (193G1R0097) SWEETY CHYRMANG(193G1R0098) AVINASH RANJAN SAH (193G1R00B4) under the supervision of Dr. CH. S PHANI KUMAR M. Pharm, Ph.D. and it has not been previously submitted to any other university or academic institution for any higher degree.

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Internal Examiner

External Examiner



86



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CERTIFICATE

This is to certify that the dissertation entitled "FORMULATION AND EVALUATION OF SALICYLIC ACID SUSPENSION USING *ARAUCARIA HETEROPHYLLA* GUM AS A SUSPENDING AGENT" submitted to the JNT University, Kakinada in partial fulfillment of the requirements for the award of the degree of Bachelor of pharmacy is a record of original research work carried out by SUNKARA SURYA KIRAN (193G1R0095) SUSHIL KUMAR (193G1R0096) SWAMIREDDY MAHALAKSHMI (193G1R0097) SWEETY CHYRMANG(193G1R0098) AVINASH RANJAN SAH (193G1R00B4) under the supervision of Dr. CH. S PHANI KUMAR M. Pharm, Ph.D. and it has not been previously submitted to any other university or academic institution for any higher degree.

Place: Surampalem

Date :

Dr. D. Sathis Kumar, M.Pharm, Ph.D.

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56

DECLARATION

The project embodied in this thesis entitled "FORMULATION AND EVALUATION OF SALICYLIC ACID SUSPENSION USING ARAUCARIA HETEROPHYLLA GUM AS A SUSPENDING AGENT" was carried out in the department of Pharmaceutical Technology under the guidance of Dr. CH. S PHANI KUMAR M. Pharm, Ph.D., Aditya Pharmacy College, Surampalem. The extent and source of information derived from the existence literature have been indicated throughout thesis of the project work at appropriate places.

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SUSHIL KUMAR (193G1R0096) *Sushil*

SWAMIREDDY MAHALAKSHMI (193G1R0097) *S. mahalakshmi*

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AVINASH RANJAN SAH (193G1R00B4) *Avinash*

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CONCLUSIONS

By comparing all the results & discussion it was concluded that

- The analytical method chosen was fit to evaluate salicylic acid in various formulations because R^2 value for concentrations Vs absorbances in calibration curve was between 0.997-0.997 i.e., 0.9996 and obeying Beer-Lambert's law at the concentration range between 75 to 150 $\mu\text{g/ml}$ by showing linearity as shown in Figure 7.1.
- All the salicylic acid suspensions were prepared by trituration methods by following formulas present in Table 6.3. Suspensions were prepared with the help of *Araucaria heterophylla* as suspending agent and compared with a natural suspending agent (acacia) and a synthetic suspending agent (HPMC 50 cps). Then compared for all the characteristics among them. All suspension prepared by using 0.5%, 1% and 2% suspending agent concentration.
- The mean particle size of all salicylic acid suspensions was between 13.3 to 36.6 μm and found F5 & F6 were having small mean particle size i.e., 13.3 μm as shown in Table 7.2.
- The relative viscosity for all the formulations from F1 to F10 was between 1 to 1.7 cps as shown in Table 7.3 & Figure 7.2. The relative viscosity was observed highest for formulation F5 & F6.
- All the suspension were found physically stable out of degree of flocculation studies and F10 was having great physical stability out of sedimentation volume studies as shown in Figure 7.3.
- All formulations were within the IP specifications with respect to the IP i.e., in between 95 to 105% as shown in Table 7.6.
- Among all the formulations F6 have shown highest *in-vitro* cumulative % drug permeability
- F6 can be considered as final formulation because of its good physical stability, low particle size, high viscosity and *in-vitro* cumulative % drug permeability.
- Where lesser the particle size greater the bioavailability, as well greater the drug permeability greater the bioavailability. And there is a correlation between particle size and viscosity i.e., lesser the particle size greater the viscosity and grater the viscosity greater the intact ability of suspension to skin. Hence by considering all correlations between more parameters, it can be finally concluded that F6 formulation because of good at all characteristics such as low particle size, good viscosity and high *in-vitro* drug permeability. F6 formulation was prepared using *Araucaria heterophylla* as suspending agent at 2% concentration as a mucilage. It has increased *in-vitro* drug permeability to 2.4-fold compared to suspension prepared without suspending agent i.e., F10.



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3	193G1R0008	AROMA BAKOR WANN	KP LABS
4	193G1R0009	ASHMAWY SIBERT CHOKUPFEKEDZA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
5	193G1R0010	AVASARALA SATWIKA	KP LABS
6	193G1R0011	AVINASH KUMAR SIKRIWAL	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
7	193G1R0015	BIBEKANAND CHAUDHARY	BELL PHARMACEUTICALS
8	193G1R0017	BOKKA NAGA SRAVYA	BELL PHARMACEUTICALS
9	193G1R0020	CHERUKU NAGA DURGA PRAVALLIKA	BELL PHARMACEUTICALS
10	193G1R0024	DEYYALA SARITHA	BELL PHARMACEUTICALS
11	193G1R0028	GEDELA YAMINI NAGADEVI	BELL PHARMACEUTICALS
12	193G1R0031	GIRIJALA ANITHA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
13	193G1R0032	GRANDHI SATYA SNEHAJA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
14	193G1R0033	GUNNAM BHAVYA TEJASWI	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
15	193G1R0035	IJJINA MANORANJANI	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
16	193G1R0036	ILLA SARIKA SUPRIYA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
17	193G1R0040	KAKI SUPRAJA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
18	193G1R0041	KALAM SHEKH	BELL PHARMACEUTICALS
19	193G1R0043	KANCHARLA UDAYA BHANU	APL ACTIVE PHARMA LABS
20	193G1R0044	KARRI UMA TRILOKA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
21	193G1R0045	KATTA VANDANA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
22	193G1R0049	VANESSA WILLIAMS KISAKYE	BELL PHARMACEUTICALS
23	193G1R0051	KORASIKA ALEKYA	KARTHIKEYA DRUGS& PHARMACEUTICALS Pvt.Ltd.
24	193G1R0056	MADANA UMA RAJESWARI	BELL PHARMACEUTICALS
25	193G1R0068	NIRAJ PRASAD YADAV	BELL PHARMACEUTICALS

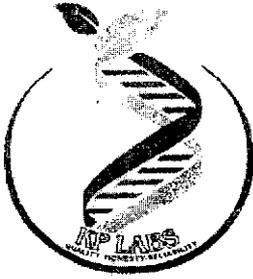


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26	193G1R0069	OM PRAKASH THAKUR	KP LABS
27	193G1R0079	PULUGURTHA SUBHASHITHA	KP LABS
28	193G1R0082	RANI PRASAD	APL ACTIVE PHARMA LABS
29	193G1R0089	SHAMIK MONDAL	ANALOG LABS
30	193G1R0094	SUNDAY GOCH KUR DENG	PHARMAZELL (VIZAG) PVT.LTD
31	193G1R0098	SWEETY CHYRMANG	ANALOG LABS
32	193G1R00A1	TINASHE MUFUDZA	ANALOG LABS
33	193G1R00A3	VANAPALLI SUSMITHA	CHANDRA LABS
34	193G1R00A8	MD SAIFUL ISLAM	ANALOG LABS
35	193G1R00B4	AVINASH RANJAN SAH	ANALOG LABS
36	193G1R00B5	MD MANAUL ANSARY	ANALOG LABS
37	193G1R00B5	MD MANAUL ANSARY	ANALOG LABS




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KP LABS
QUALITY- HONESTY-RELIABILITY

Date: 31-10-2022

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This is to certify that **ANJALI CHAUDHARY**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16st September 2022 to 30th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0002**.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future

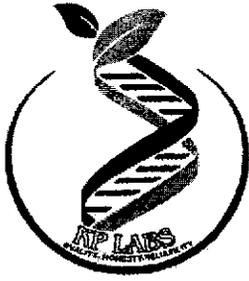


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Contact: 8885111163, 7207111163, 8143611163, 8019111163
Website : www.kdplpharma.com, Email : kdplpharma@gmail.com, info@kdplpharma.com



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QUALITY-HONESTY-RELIABILITY

Date: 31-10-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **AROMA BAKOR WANN**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16st September 2022 to 30th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0008**.

During the training period she had interacted with **Quality control, Quality Assurance, and production Departments Incharges** and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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Website : www.kdnlpharma.com Email : kdnlpharma@gmail.com, info@kdnlpharma.com



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This is to certify that **ASHMAWY SIBERT CHOKUPFEKEDZA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of his B. Pharmacy Course bearing H.T. No: **193G1R0009**.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

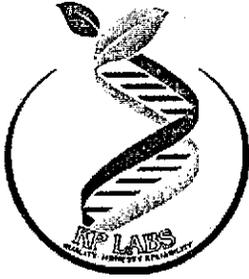
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This is to certify that **A. SATWIKA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16st September 2022 to 30th October 2022, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: 193G1R0010.

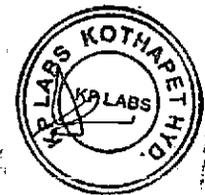
During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

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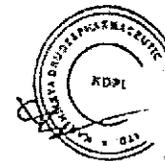
TO WHOM SO EVER IT MAY CONCERN

This is to certify that AVINASH KUMAR SIKRIWAL, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. Distriet, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of his B. Pharmacy Course bearing I.T. No: 193G1R0011.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

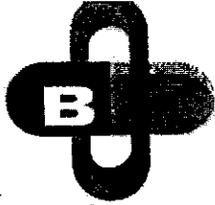
During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

We wish him bright future



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This is to certify that **BIBEKANAND CHAUDHARY**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16th September 2022 to 30th October 2022**, as a part of fulfillment of his B. Pharmacy Course bearing **H.T. No: 193G1R0015**.

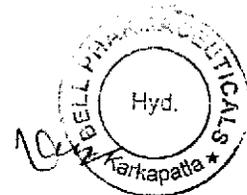
During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

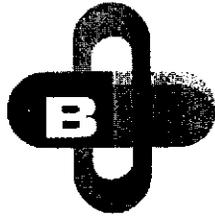
During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

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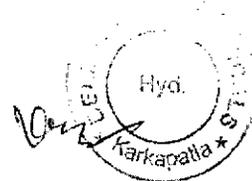
TO WHOM SO EVER IT MAY CONCERN

This is to certify that **BOKKA NAGA SRAVYA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **1st September 2022 to 15th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0017**.

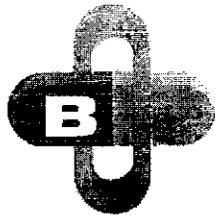
During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

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This is to certify that **CHERUKU NAGA DURGA PRAVALLIKA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 1st September 2022 to 15th October 2022, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: 193G1R0020.

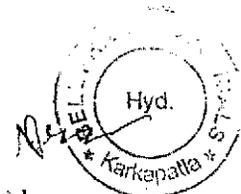
During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

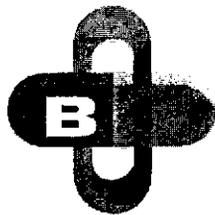
During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

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This is to certify that **DEYYALA SARITHA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **1st September 2022 to 15th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0024**.

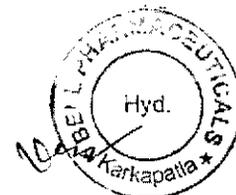
During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

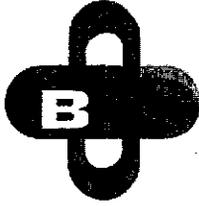
During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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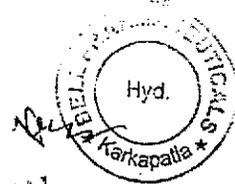
TO WHOM SO EVER IT MAY CONCERN

This is to certify that **GEDELA YAMINI NAGA DEVI**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16th September 2022 to 30th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0028**.

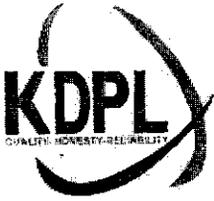
During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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This is to certify that **GIRIJALA ANITHA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16st September 2022 to 30th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: **193G1R0031**.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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This is to certify that **GRANDHI SATYA SNEHAJA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **1st September 2022 to 15th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0032**.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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This is to certify that **GUNNAM BHAVYATEJASWI**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **1st September 2022 to 15th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0033**.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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This is to certify that IJJINA MANORANJANI, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 1st September 2022 to 15th October 2022, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: 193GIR0035.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future.




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SIRAM ALLENURU





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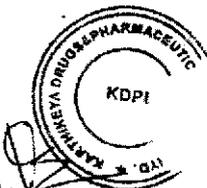
This is to certify that **SARIKA SUPRIYA ILLA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **1st September 2022 to 15th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0036**.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future




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This is to certify that KAKI SUPRAJA, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: 193G1R0040.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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Contact: 8885111163, 7207111163, Website : www.kdplpharma.com
Email : kdplpharma@gmail.com, info@kdplpharma.com



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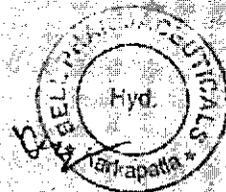
TO WHOM SO EVER IT MAY CONCERN

This is to certify that KALAM SHEKH, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of his B. Pharmacy Course bearing H.T. No: 193G1R0041.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

We wish him bright future



[Signature]

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202, 2nd Floor, Raja Enclave,
KPHB Colony, Opp. R.S. Brothers,
Hyderabad - 500 072, INDIA.
Tel : 040 - 40 189 585 Mob : +91 89789 11190
Website : www.activepharmalabs.com
E-mail : info@activepharmalabs.com

Ref: APL/IT/Udayabhanu. Kancharla/0810/22

28th August 2022,

TO WHOMSO EVER IT MAY CONCERN

This is to certify that Ms. Udayabhanu. Kancharla, Reg.no: 193G1R0043 is a bonafide student of Aditya Pharmacy College, Aditya Nagar, Surampalem, E.G.Dist, Andhra Pradesh and her undergone "Internship" in our organization from 28.07.2022 to 28.08.2022, as a part of partial fulfillment of her B.Pharmacy course.

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

With Best Wishes.

For ACTIVE PHARMA LABS

Authorized Signatory




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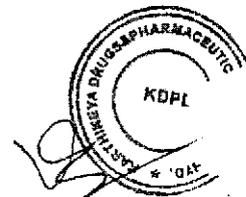
TO WHOM SO EVER IT MAY CONCERN

This is to certify that **KARRI UMA TRILOKA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16th September 2022 to 30th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: **193GIR0044**.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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Date: 31-10-2022

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This is to certify that **KATTA VANDANA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16th September 2022 to 30th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: **193G1R0045**.

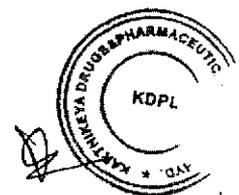
During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future




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Date: 31-10-2022

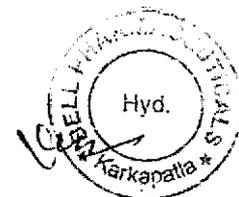
TO WHOM SO EVER IT MAY CONCERN

This is to certify that **KISAKYE VANESSA WILLIAMS**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16th September 2022 to 30th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing **H.T. No: 193G1R0049**.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

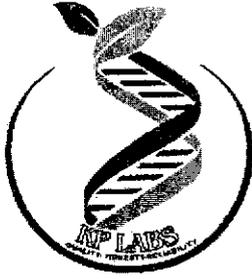
During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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This is to certify that ANJALI MISHRA, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: 193G1R0003.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

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Date: 21-06-2021

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This is to certify that KOVVURI TEJASRI, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 05st May 2021 to 20th June 2021, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: 183G1R0051.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

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Date: 16-10-2022

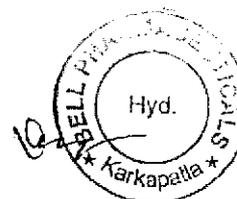
TO WHOM SO EVER IT MAY CONCERN

This is to certify that MADANA UMARAJESWARI, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 1st September 2022 to 15th October 2022, as a part of fulfilment of her B. Pharmacy Course bearing H.T. No: 193G1R0056.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

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Date :

Date: 31-10-2022

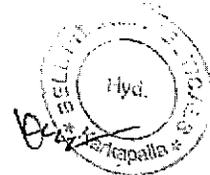
TO WHOM SO EVER IT MAY CONCERN

This is to certify that NIRAJ PRASAD YADAV, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of his B. Pharmacy Course bearing H.T. No: 193G1R0068.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

We wish him bright future



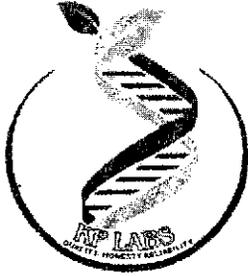
Corporate Office : Bell Pharmaceuticals, H. No.: 3-6-360/P35, Janapriya Colony, LB Nagar, Hyderabad - 500 070.
Company Location : Bell Pharmaceuticals, P.No.: 6, Phase 3, Biotech Park, Karkapalla, Markook Mandal, Dist: Siddipet - 502281.
Email : info@bellpharma.in, bellpharmain@gmail.com

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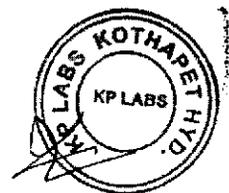
TO WHOM SO EVER IT MAY CONCERN

This is to certify that **OM PRAKASH THAKUR**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16th September 2022 to 30th October 2022**, as a part of fulfillment of his B. Pharmacy Course bearing H.T. No: **193G1R0069**.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

We wish him bright future



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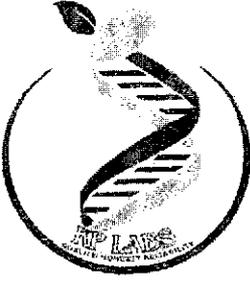
H.No. 11-13-1427, 2nd Floor, Nirmal Sadan, Margadarshi Colony, Kothapet, Hyderabad - 102.

Contact: 8885111163, 7207111163, 8143611163, 8019111163

Website : www.kdplpharma.com, Email : kdplpharma@gmail.com, info@kdplpharma.com



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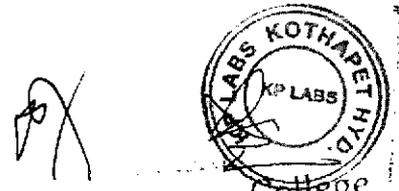
TO WHOM SO EVER IT MAY CONCERN

This is to certify that **P. SUBHASHITHA**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **1st September 2022 to 15th October 2022**, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No: **193G1R0079**.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



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Contact: 8885111163, 7207111163, 8143611163, 8019111163

Website : www.kdplpharma.com, Email : kdplpharma@gmail.com, info@kdplpharma.com



202, 2nd Floor, Raja Enclave,
KPHB Colony, Opp. R.S. Brothers,
Hyderabad - 500 072, INDIA.
Tel : 040 - 40 189 585 Mob : +91 89789 11190
Website : www.activepharmalabs.com
E-mail : info@activepharmalabs.com

Ref: APL/IT/R LAKSHMI RANGA KISHORE/0827/21

16th July 2021,

TO WHOMSO EVER IT MAY CONCERN

This is to certify that Mr. REDDYBOINA LAKSHMI RANGA KISHORE, Reg.no: 183G1R0082 is a bonafide student of Aditya Pharmacy College, Aditya Nagar, Surampalem, E.G.Dist, Andhra Pradesh and his undergone "Internship" in our organization from 15.06.2021 to 16.07.2021, as a part of partial fulfillment of his B.Pharmacy course.

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

With Best Wishes.

For ACTIVE PHARMA LABS

Authorized Signatory




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Date: 31-10-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that SHAMIK MONDAL, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of his B. Pharmacy Course bearing H.T. No: 193G1R0089.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

We wish him bright future



AUTHORIZED SIGNATORY

K. Anupama reddy *M.Sc. Anal.chem., PGDCAQM, MBA*

Director

3rd floor, plot No. 86, Near Venkateshwara temple, Prashanthi Nagar, Hyderabad-500 072
E-mail:analoglbs@gmail.com, Website : www.analoglabs.co.in



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SURAMPALEM-533 437

27th Dec, 2020TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. Sanju Maity S/o Sri Uttam Maity, vide Reg. No. 173G1R0094 student of B Pharmacy from Aditya Pharmacy College, Affiliated to JNTU Kakinada, underwent an Industrial Training in PharmaZell (Vizag) Private Limited from 26th Nov 2020 to 27th Dec 2020 under the guidance of Dr. Sridhar Pratha, Principal Scientist-API R&D.

In this due course of time his conduct was found satisfactory.

We wish him all the best in all his future endeavors.

Yours faithfully,
for PharmaZell (Vizag) Private Limited,

Appa Rao Sarjadeva
General Manager - HR & Administration



Regd. Office & Factory : Plot No. 115, Ramky Pharma City (India) Ltd. SEZ, Parawada,
Visakhapatnam - 531 021, Andhra Pradesh, India.
Phone : +91 8924 236015/19 Fax : +91 8924 236016
Email : info.vizag@pharmazell.com Web : www.pharmazell.com
Corporate Identity Number (CIN) : U02423AP2007PTC071744



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Date: 16-10-2022

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This is to certify that **SWEETY CHYRMANG**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 1st September 2022 to 15th October 2022, as a part of fulfillment of her B. Pharmacy Course bearing H.T. No:193G1R0098.

During the training period she had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found her to be hard working, punctual & sincere. We wish her all the best for her future endeavors.

We wish her bright future



K. Anupama reddy M.Sc. Anal.chem., PGDCAQM, MBA

Director

[Signature]
PRINCIPAL

Aditya Pharmacy College

3rd floor, plot No. 86, Near Venkateshwara temple, Prashanthi Nagar, Hyderabad-500 072 437
Email: analoglabs@gmail.com, Website : www.analoglabs.co.in



Date: 31-10-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that TINASHE MUFUDZA, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of his B. Pharmacy Course bearing H.T. No: 193GIR00A1.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

We wish him bright future



AUTHORISED SIGNATORY

K. Anupama reddy M.Sc. Anal.chem., PGDCAQM, MBA

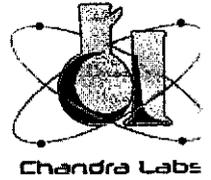
Director




Principal
Aditya Pharmacy College
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Chandra Labs

An NABL Accredited Lab (As Per ISO : 17025)
Approved by Drugs Control Administration
Govt. of Telangana



DATE: 15-10-2022

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. VANAPALLI SUSMITHA student of ADITYA PHARMACY COLLEGE, bearing Registration No: 193G1R00A3 have undergone instrumentation training for HPLC, GC, FT-IR, UV-Visible Spectrophotometer Dissolution & Disintegration Apparatus, Punching Machine and Coating pan and Chemical Analysis, production, Quality Assurance Department.

She also undergone training in analytical AR&D department and Microbiology Department overall for a period from 01-09-2022 to 15-10-2022 in our organization. During this period her performance is satisfactory.

We wish her the very best in all her future endeavors.

Best Regards,
Chandra labs.

Authorized Signatory




Aditya Pharmacy College
SURAMPALM-533 437

Date: 31-10-2022

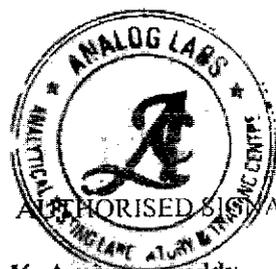
TO WHOM SO EVER IT MAY CONCERN

This is to certify that MD.SAIFUL ISLAM, is a bonafide student of ADITYA PHARMACY COLLEGE, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of his B. Pharmacy Course bearing H.T. No: 193GIR00A8.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

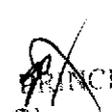
We wish him bright future



AUTHORISED SIGNATORY

K. Anupama reddy M.Sc. Anal.chem., PGDCAQM, MBA

Director


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SURAMPAL 522-437

Date: 31-10-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **AVINASH RANJAN SAH**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from **16th September 2022** to **30th October 2022**, as a part of fulfillment of his B. Pharmacy Course bearing **H.T. No: 193G1R00B4**.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

We wish him bright future



AUTHORISED SIGNATORY

K. Anupama reddy *M.Sc. Anal.chem., PGDCAQM, MBA*

Director



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3rd floor, plot No. 86, Near Venkateshwara temple, Prashanthi Nagar, Hyderabad-500 072

E-mail: analoglbs@gmail.com, Website : www.analoglabs.co.in



Analog Labs

Analytical Testing Laboratory & Training Centre

Cell: 9618252442

Date: 31-10-2022

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **MD.MANAUl ANSARY**, is a bonafide student of **ADITYA PHARMACY COLLEGE**, E.G. District, Andhra Pradesh, has undergone industrial training work in our organization from 16th September 2022 to 30th October 2022, as a part of fulfillment of his B. Pharmacy Course bearing **H.T. No: 193G1R00B5**.

During the training period he had interacted with Quality control, Quality Assurance, and production Departments Incharges and acquired basic knowledge in these areas.

During the aforesaid period, we found him to be hard working, punctual & sincere. We wish him all the best for his future endeavors.

We wish him bright future



AUTHORISED SIGNATORY

K. Anupama Reddy *M.Sc. Anal.chem. PGDCAQM, MBA*

Director



[Signature]
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PROJECT DATA



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Ph: 98663 76663
E-mail: office@adityapharmacy.edu.in
Web: www.adityapharmacy.edu.in

II M.PHARMACY (PHARMACEUTICS)

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	213G150301	NARRA SRIBHAVYA	✓	X	X
2	213G150302	PECHETTI SAI KIRAN	✓	X	X
3	213G150303	RASAMSETTI D V ATCHUTHA LAKSHMI	✓	X	X
	213G150304	RATNALA SHARMILA	✓	X	X



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Ph: 98665 76663

E-mail: office@adityapharmacy.edu.in

Web: www.adityapharmacy.edu.in



LIST OF PROJECTS CARRIED OUT BY M. PHARM (Pharmaceutics) STUDENTS (2022-2023)

S. No.	Regd. No.	Name of the Student	Title of the Project	Name of the Guide
1	213G1S0303	R. D V Archutha Lakshmi	Formulation and Evaluation of Controlled Release Tablets of Pregabalin by using Araucaria Heterophylla Gum	Dr. Ch. S. Phani Kumar
2	213G1S0304	RatnalaSharmila	Formulation, Evaluation, and in-vitro Characterization Of Berberine Loaded Chitosan Nano Particles For Lung Cancer Treatment	Mr. G. Rama Krishna

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SURAMPALÉM-533 437



FORMULATION AND EVALUATION OF CONTROLLED RELEASE TABLETS OF
PREGABALIN BY USING *ARAUCARIA HETEROPHYLLA* GUM

Dissertation submitted to
Jawaharlal Nehru Technological University, Kakinada, A.P



In Partial Fulfillment of the Requirement for the Award of the
Degree of

MASTER OF PHARMACY

IN
PHARMACEUTICS
By

RASAMSETTI. D.V.A.

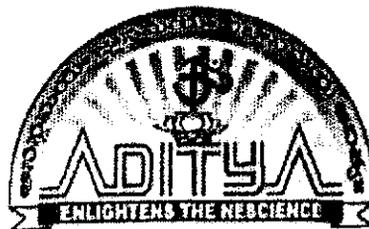
LAKSHMI

(Reg NO-213G1S0303)

Under the guidance of

DR.CH. S. PHANI KUMAR M. Pharm Ph.D.

Professor



DEPARTMENT OF PHARMACEUTICS
ADITYA PHARMACY COLLEGE
SURAMPALEM-533437
2021-2023



In Partial Fulfillment of the Requirement for the Award of the Degree of

MASTER OF PHARMACY

In

PHARMACEUTICS

By

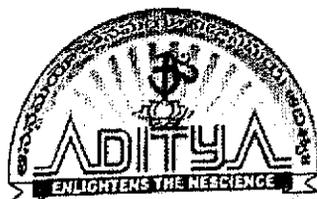
RASAMSETTL D.V.A. LAKSHMI

(Regdno-213G1S0303)

Under the guidance of

DR.CH. S. PHANI KUMAR M. Pharm Ph.D.

Professor





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Kakinada) Aditya Nagar, ADB Road, surampalem,
E.G.Dist., A.P

Pin: 533437, Ph: 08852 200005

CERTIFICATE

This is to certify that the dissertation work entitled "Formulation and evaluation of controlled release tablets of pregabalin by using *araucaria heterophylla* gum" is submitted to the JNTUK University, Kakinada in partial fulfillment for the award of the degree of Master of Pharmacy in Pharmaceutics. This is a bonafied work carried out by RASAMSETTL.D.V.A. LAKSHMI (Regd No: 213G1S0303) under the guidance of DR, CH. S. PHANI KUMAR, Professor Aditya Pharmacy College, Surampalem.

Place: Surampalem

Date:

Dr. D. SATHIS KUMAR M. Pharm, Ph. D
Principal and Professor,
Aditya Pharmacy College,
SURAMPALAM-533 437



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E.G.Dist., A.P

Pin: 533437, Ph: 08852 200005

CERTIFICATE

This is to certify that the dissertation work entitled "**FORMULATION AND EVALUATION OF CONTROLLED RELEASE TABLETS OF PREGABALIN BY USING ARAUCARIA HETERPHYLLA GUM**" is submitted to the JNTUK

University, Kakinada in partial fulfillment for the award of the degree of **MASTER OF PHARMACY IN PHARMACEUTICS**. This is a bonafied work carried out by **RASAMSETTL.D.V.A. LAKSHMI** (Regd No: 213G1S0303) under the guidance of **DR. CH.S. PHANI KUMAR**, Professor Aditya Pharmacy College, Surampalem.

Place: Surampalem

Date:

Guide

DR. CH.S. PHANI KUMAR

M. PHARM Ph. D

Professor



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Kakinada) Aditya Nagar, ADB Road, surampalem,
E.G.Del., AP
Pin: 534437, Ph: 08882 200005

EVALUATION CERTIFICATE

This is to certify that the dissertation work entitled "FORMULATION AND EVALUATION OF CONTROLLED RELEASE TABLETS OF PREGABALIN BY USING ARAUCARIA HETEROPHYLLA GUM" is submitted to the Jawaharlal Nehru technological university, Kakinada in partial fulfillment for the award of the degree of MASTER OF PHARMACY IN PHARMACEUTICS. This is bonafied work carried out by RASAMSETTL.D.V.A. LAKSHMI (REGD: 213G1S0303) under the guidance and supervision of DR.CH. S. PHANI KUMAR professor, Aditya Pharmacy College, surampalem.

Place: Surampalem

Date:

SIGNATURE OF EVALUATOR 1

SIGNATURE OF EVALUATOR 2

DECLARATION

I, RASAMSETTI.D.V.A. LAKSHMI (Regd No: 213G1S0303), do hereby declare that the dissertation entitled "FORMULATION AND EVALUATION OF CONTROLLED RELEASE TABLETS OF PREGABALIN BY USING *ARAUCARIA HETEROPHYLLA* GUM" is a record of genuine research work carried out by me under the supervision of DR. CH. S. PHANI KUMAR, Professor, Aditya Pharmacy College, Surampalem. The work reported herein has not been previously submitted by other persons for qualifications at any other University or academic institutions unless otherwise referenced or acknowledged.

Place: Surampalem

Date:

R. D. V. A. Lakshmi

RASAMSETTI.D.V.A. LAKSHMI
Regd No - 213G1S0303

By constructing the standard Fig 7.0 calibration curve for pregabalin in pH 6.8 phosphate buffer at concentration 2-10mg/ml it was observed that the analytical method use was obeying beers lambert's law by showing R^2 VALUE= 0.999 as shown in hence the analytical method was used to determine that concentration present in various solutions used for analysis.

Drug and excipient compatibility studies to choose various excipients along with drug, the drug excipient compatibility was performed and found all the excipients involved in these studies have passed compatibility studies hence all the excipients can be considered for the preparation of various pregabalin controlled release tablets. The drug-excipient compatibility studies were performed for pregabalin, *araucaria heterophylla* gum, HPMC and *araucaria heterophylla* and HPMC at their highest concentrations at a ratio how the used in designing of tablet formulations.

The flow properties for pregabalin were conducting and found pregabalin with good flow properties by having angle of repose at 25.73° , bulk density at 0.370 g/ml, tapped density at 0.410 g/ml, Carr's index at 5.99% and Hauser's ratio at 1.11 as shown in the Table 7.2 hence pregabalin can be tableted by direct compression method because of its flow properties.

The tablets were designed by considering 10%w/w, 20%w/w, and 30%w/w with the help of *araucaria heterophylla* gum, HPMC plus *araucaria heterophylla* and HPMC and all the formulations were subjected to the pre compression studies and found all formulations with good flow properties. Hence all formulations can be tableted by using direct compression method because of their good flow property.

All the formulations were tableted with the help of direct compression method and evaluated for post compressional parameters. All the formulations are showing post compression parameters as follows hardness at 3.5 to 4.6 Kgs, thickness between 3.4 to 4.3 mm, friability at between 0.51 to 0.558% and average weight of tablet ranges between 245 to 252 mg from the observations it was shown that all the formulations are with in the post compressional parameter official limits.

F1, F2, and F3 were prepared with the help of *araucaria heterophylla* gum at 10%w/w, 20%w/w and 30%w/w per tablet. The rate release retardation is high for F3 formulation and the rate release retardation for *araucaria heterophylla* gum formulations were in the following order.

$$F3 > F2 > F1$$

F1, F2, and F3 were prepared with the help of *araucaria heterophylla* gum at 10%w/w, 20%w/w and 30%w/w per tablet. The rate release retardation is high for F3 formulation and

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the rate release retardation for *araucaria heterophylla* gum formulations were in the following order

$$F4 > F5 > F6$$

F1, F2, and F3 were prepared with the help of *araucaria heterophylla* gum and HPMC at 10%w/w, 20%w/w and 30%w/w per tablet. The rate release retardation is high for F3 formulation and the rate release retardation for *araucaria heterophylla* gum formulations were in the following order

$$F7 > F8 > F9$$

Out of all pregabalin controlled release formulations invitro dissolution studies it was found to be F3, F6, and F9 formulations has shown promising rate release retardation a rate release retardation among these formulations as follows

$$F9 > F6 > F3$$

Finally, it was found that F9 formulation is best formulation among all pregabalin controlled release formulations for its high-rate release retardation. It was compared with marketed product (PG-CO-M) (MB/96/5) and found F9 is having nearer invitro drug release profile to the marketed formulation

The pharmacokinetic profile for all pregabalin controlled release formulation were performed and the order of release for all formulations was following zero order kinetics. The mechanism of release for all formulations were following non-fickian diffusion as shown in Table 7.6

Finally, it was concluded that F9 formulation is best formulation among all pregabalin controlled release tablet formulations because of its high-rate release retardation.

These formulations were prepared with the help of 30%w/w per tablet of *araucaria heterophylla* gum and HPMC and this is the indication of combining natural gum and synthetic gum combinedly having great capability of rate retardation invitro drug release from the pregabalin controlled release tablet.

The accelerated stability studies for the best formulation were performed by following ICH guidelines for 3months and found the F3 formulation is stable.

**FORMULATION, EVALUATION AND IN-VITRO
CHARACTERIZATION OF BERBERINE LOADED CHITOSAN
NANO PARTICLES FOR LUNG CANCER TREATMENT**

Dissertation submitted to
Jawaharlal Nehru Technological University, Kakinada, A.P



In Partial Fulfilment of the Requirement for the Award of the Degree of

MASTER OF PHARMACY

In

PHARMACEUTICS

Submitted by

RATNALA SHARMILA

(Regd no-213G1S0304)

Under the guidance of

Mr. G. Rama Krishna M. Pharm., (Ph. D)
Assoc. professor



Department of Pharmaceutics

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2021-2023



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CERTIFICATE

This is to certify that the dissertation work entitled "FORMULATION, EVALUATION AND IN-VITRO CHARACTERIZATION OF BERBERINE LOADED CHITASON NANO PARTICLES FOR LUNG CANCER TREATMENT." is submitted to the JNTU university, Kakinada in partial fulfilment for the award of the degree of Master of Pharmacy in Pharmaceutics. This is a benefited work carried out by RATNALA SHARMILA (Regd No: 213G1S0304) under the guidance of Mr. G. Rama Krishna, M.Pharm (Ph.D), Associate Professor Aditya Pharmacy College, Surampalem.

Place: Surampalem

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Date:

Guide

Mr. G. Rama Krishna M. Pharm., (Ph. D)

Associate professor



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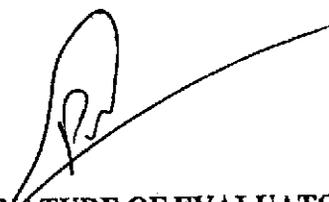
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Place: Surampalem

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SIGNATURE OF EVALUATOR 1

SIGNATURE OF EVALUATOR 2

DECLARATION

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Date:

RATNALA SHARMILA

Regd No-213G1S0304

SUMMARY AND CONCLUSION

Intravenous drug delivery system enhances the permeability of the drug molecules. Thus, by incorporating of drug into nanoparticles and delivery through the intravenous route by significantly improve the bioavailability of berberine loaded chitosan nano particles.

- From the present study, standard calibration curve was plotted shows best fit line with regression (R^2)0.9947 which obeys Beer's lambert law.
- The FT-IR studies was carried out and results shown that there is no interaction of API with excipients used in formulations.
- The zeta sizer shows particle size of BBR -Ch-NPs formulation shows greater transmittance indicate smaller particle size was found to 136.4nm.
- The percentage drug content of BBR-Ch -NPs was found to be 32.5%.
- The entrapment efficiency of BBR-Ch-NPs was found to be 73.22%.
- In present study the drug release studies were carried out by dialysis membrane. The drug release of BBR-Ch-NPs formulation gave better release than pure BBR.

The formulation that shows 80-90% of drug release in 24hrs and it shows more impact in endocytosis.

- In XRD diffraction pattern of BBR shows as crystalline nature with sharp intense peak value of 2θ was found to be 28.1° .
- The DSC thermogram of BBR shows crystalline and sharp endothermic peak at melting point of 180°C - 190°C .

- The effect of BBR and BBR-Ch-NPs treatment on CELL TOXICITY OF IC₅₀ of BBR-Ch-NPs shows more potential activity as compared to BBR.
- The effect of ROS and MITOCHONDRIAL membrane potential of A549 treatment this study shows that significant decrease in fluorescence intensity after BBR and BBR-Ch-NPs treatment as compared to control the cell death.
- Cell uptake assay result specified that BBR-Ch-NPs has more endocytosis capacity as compared to BBR dye.

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II M.PHARMACY (ANALYSIS)

Experiential learning through project work/ internship/ field work

S.No	Reg.No.	Name of the Candidate	Project	Internship	Field work
1	213G1S1601	KAKARLA DEVI LALITHA SRI	✓	X	X
2	213G1S1602	KATE BHAVITHA	✓	X	X
3	213G1S1603	POLIMERA SRI CHANDANA	✓	X	X




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LIST OF PROJECTS CARRIED OUT BY M. PHARM (Pharmaceutical Analysis) STUDENTS (2022-2023)

S. No.	Regd. No.	Name of the Student	Title of the Project	Name of the Guide
1	213G1S1601	Kakarla Devi Lalitha Sri	Statistical optimization and RP- HPLC method development of Escitalopram and Duloxetine: An eco-friendly estimation by green analytical chemistry	Dr. D. Sathis Kumar
2	213G1S1602	Kate Bhavitha	Statistical optimization and RP- HPLC method development of Paracetamol, Diclofenac sodium, and Eperisone hydrochloride: An eco-friendly estimation by green analytical chemistry	Dr. D. Sathis Kumar
3	213G1S1602	Polimera Sri Chandana	Sensitive Method Development and Validation For Selected Drugs By LC-MS/MS Technique	Dr. P. Bhaskar Rao



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Aditya Pharmacy College
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Statistical optimization and RP- HPLC method development of Paracetamol, Diclofenac sodium and Eperisone hydrochloride: An ecofriendly estimation by green analytical chemistry

is a dissertation submitted to the



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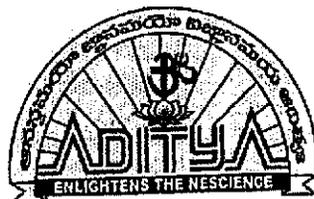
KATE.BHAVITHA

(Regd. No. 213G1S1602)

Under the guidance of

Dr. D. SathisKumar M. Pharmacy., Ph.D.

Principal & Professor



Department of Pharmaceutical Analysis

Aditya Pharmacy College

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2021- 2023



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Aditya Nagar, ADB Road, Surampalem, E. G. Dist., A.P-533437.

Dr.D.SATHISKUMAR, M.Pharm., Ph.D.,
Principal & Professor

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Place: Surampalem

Date:


Dr. D. SATHISKUMAR, M. Pharm., Ph.D.
Principal
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Principal and Professor,

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Date:

Place: Surampalem

Dr. D Sathis Kumar
(Guide)



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Date:

SIGNATURE OF EVALUATOR 1

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SIGNATURE OF EVALUATOR 2

DECLARATION

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K. Bhavitha
(KATE BHAVITHA)

Regd no: 213G1S1602

Place: Surampalem

Date:

7. CONCLUSION AND SUMMARY:

The developed method is optimized by manual optimized method. It is validate by several parameters like accuracy, precision, linearity, specificity, stability, assay, ruggedness, system suitability, LOD and LOQ. The validated method was evaluated by DOE on robustness and it has shown that the DOE optimized method is coincidental to the manual optimized method. By using different Green Chemistry Analytical software, the method was evaluated and it was shown to be eco-friendly. The result of analytical parameters was found to be precise, accurate, rugged, robust and eco-friendly.

**Statistical optimization and RP- HPLC method development of Escitalopram and
Duloxetine: An ecofriendly estimation by green analytical chemistry**

is a dissertation submitted to the



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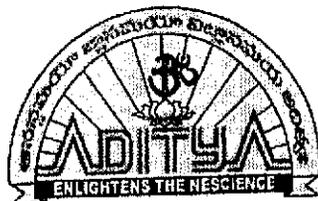
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(Regd. No. 213GIS1601)

Under the guidance of

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Principal & Professor



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Place: Surampalem

Date:


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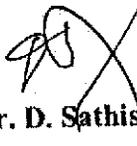
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Date:

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DECLARATION

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(KAKARLA DEVI LALITHA SRI)

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**SENSITIVE METHOD DEVELOPMENT AND VALIDATION FOR SELECTED
DRUGS BY LC-MS/MS TECHNIQUE.**

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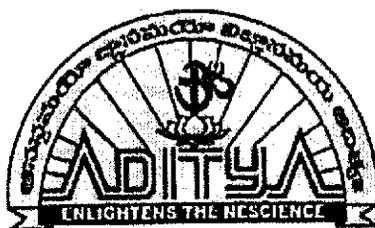
POLIMERA SRI CHANDANA

(Regd. No. 213GIS1603)

Under the guidance of

Dr. P. Bhaskar M. Pharmacy., Ph.D.

Professor



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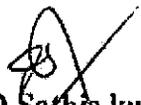
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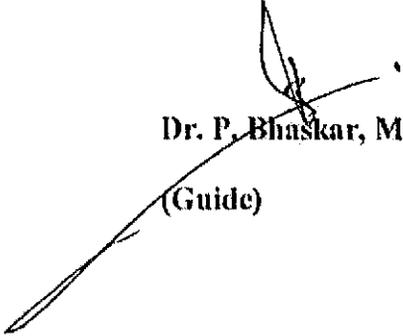
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Date:

Place: Surampalem


Dr. P. Bhaskar, M. Pharm., Ph.D.,

(Guide)



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Aditya Nagar, ADB Road, Surampalem, E. G. Dist., A.P-533437.

EVALUATION CERTIFICATE

This is to certify that the dissertation work entitled "Sensitive method development and validation for selected drugs by LC-MS/MS technique" is submitted to the Jawaharlal Nehru Technological University, Kakinada in partial fulfillment for the award of the degree of Master of Pharmacy in Pharmaceutical Analysis. This is a bonafied work carried out by Polimera Sri Chandana (Regd No:213G1S1603) under the guidance and supervision of Dr. P. Bhaskar, Principal & Professor, Aditya Pharmacy College, Surampalem.

Date:

SIGNATURE OF EVALUATOR 1

Place:

SIGNATURE OF EVALUATOR 2

DECLARATION

I, Polimera Sri Chandana (Regd No: 213G1S1603), do hereby declare that the dissertation entitled "Sensitive method development and validation for selected drugs by LC-MS/MS technique" is a record of genuine research work carried out by me under the supervision of Dr. P. Bhaskar, Professor, Aditya Pharmacy College, Surampalem. The work reported here in has not been previously submitted by other persons for qualifications at any other University or academic institutions unless otherwise referenced or acknowledged.

P. SRI CHANDANA

(POLIMERA SRI CHANDANA)

Regd no: 213G1S1603

Place: Surampalem

Date:

8.SUMMARY AND CONCLUSION

The overall results obtained for the proposed method validation were tabulated in

Table 13. Results and validated method

Parameter	Paracetamol	Dicyclomine hydrochloride
System suitability	Pass	Pass
Selectivity	No interference from excipients and mobile phase components	
Linearity (PPb)	50-2000	5-200
Regression equation	$Y = 1194.7x - 44767$	$Y = 1304.9x - 25757$
Regression coefficient (R^2)	0.9999	0.9999
LOD (ppb)	39.65	4.64
LOQ (ppb)	120.15	14.07
Precision (%RSD)	0.91%	0.71%
Accuracy (%Recovery)	99.82%	100.67%
Robustness	Passed all system suitability parameters in deliberately changed chromatographic conditions	
% Assay in tablets	100.01%	87.86%

A simple, quick, accurate, selective, and sensitive LC-MS technique for simultaneous analysis of paracetamol and dicyclomine hydrochloride in API and fixed finished dosage unit forms was developed in the current work. The technique was approved in compliance with the rules. The developed method's key characteristics are its affordability, short runtime, selectivity, robustness, sensitivity, and acceptable precision and accuracy and overall method is very sensitive than other techniques. As a result, quality control laboratories can employ the suggested LC-MS approach to simultaneously quantify paracetamol and dicyclomine hydrochloride.

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PROJECT DATA



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LIST OF PROJECTS CARRIED OUT BY PHARM. D STUDENTS (2022-2023)

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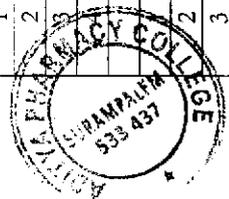
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S. No.	Regd. No.	Name of the Student	Title of the Project	Name of the Guide
1	183G1T0002	Aritra Pal	Analysis of Various Risk Factors in Patients with Diabetes Nephropathy and Observation of Their Treatment Patterns	Ms. P. Ratna Kumari M. Pharm
2	183G1T0003	AsishBhanja		
3	183G1T0005	B. Chandana Divya		
4	183G1T0009	G. Vineesha		
5	183G1T0019	P. Williams		
1	183G1T0001	Aleena Roy	To study the demographic profiles, ECG Characteristics and ECHO findings of Cardiac Implantable Electronic Device (CIED) Patients	Ms. P. Ratna Kumari M. Pharm
2	183G1T0014	Kasturi De		
3	183G1T0018	P. Nandini		
4	183G1T0020	P. Jessi		
5	173G1T0002	Anurag Rajkonwar		
1	183G1T0008	G. Bhargavi	Study of Analgesia and Role of Antibiotic in Post-Operative Abdominal Surgery and Its effectiveness in Tertiary Care Hospital	Ms. P. Ratna Kumari M. Pharm
2	183G1T0011	K. Haritha		
3	183G1T0012	G. RupaLavanya		
4	183G1T0016	N. Minisha		
5	173G1T0023	Y. Hemalatha		
1	183G1T0006	Ch. Lakshmi Renuka	Clinical Pharmacoepidemiology Study of Anti-Hypertensive and Anti-Diabetic drug in Diabetic-Hypertensive Out-Patients	Ms. P. Ratna Kumari M. Pharm
2	183G1T0013	K. Priyanka		
3	183G1T0017	NaruttamDebnath		
4	183G1T0024	BipinSah		
1	183G1T0004	BashongdorMarwein	Assessment of Pharmacological Treatment in Patients with Acute Pancreatitis	Ms. P. Ratna Kumari M. Pharm
2	183G1T0007	D. Sri Satya Srishna		
3	183G1T0010	G. Navya Manasa		
	173G1T0019	Arka Ghosh		
1	183G1T0015	Kumar Sanu	Analysis of Symptoms and Surgical Procedures and Risk Factor Co-relation in Acute Coronary Syndrome affected Inpatients	Ms. P. Ratna Kumari M. Pharm
2	183G1T0021	R. Satya Naga Vinay		
3	183G1T0022	SumanSasmal		



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LIST OF STUDENTS UNDERTAKING PROJECT WORK/INTERNSHIP/FIELD WORK FOR THE ACADEMIC YEAR 2022-23.

V. PHARM.D

S.NO	REG.NO	NAME OF THE CANDIDATE	YEAR	PROJECT	INTERNSHIP	FIELD WORK
1	183G1T0001	ALEENA ROY	V	✓	X	X
2	183G1T0002	ARITRA PAL	V	✓	X	X
3	183G1T0003	ASISH BHANJA	V	✓	X	X
4	183G1T0004	BASHONGDOR MARWEIN	V	✓	X	X
5	183G1T0005	BENDURTHI CHANDANA DIVYA	V	✓	X	X
6	183G1T0006	CHIKKALA LAKSHMI RENUKA	V	✓	X	X
7	183G1T0007	DIHULPUDI SRI SATYA SIRISHA	V	✓	X	X
8	183G1T0008	GARAGA BHARGAVI	V	✓	X	X
9	183G1T0009	GEDDAM VINEESHA	V	✓	X	X
10	183G1T0010	GIDUTHURI NAVYA MANASA	V	✓	X	X
11	183G1T0011	GOGULAMANDA RUPA LAVANYA	V	✓	X	X
12	183G1T0012	KANDAVALLI HARITHA	V	✓	X	X
13	183G1T0013	KANDREGULA PRIYANKA	V	✓	X	X
14	183G1T0014	KASTURI DE	V	✓	X	X
15	183G1T0015	KUMAR SANU	V	✓	X	X
16	183G1T0016	NALLI MINISHA	V	✓	X	X
17	183G1T0017	NARUTTAM DEBNATH	V	✓	X	X
18	183G1T0018	PALIVELA NANDINI	V	✓	X	X
19	183G1T0019	PALLI WILLIAMS	V	✓	X	X
20	183G1T0020	PERURI JESSI	V	✓	X	X
21	183G1T0021	RAVADA SATYA NAGA VINAY	V	✓	X	X
22	183G1T0022	SUMAN SASMAL	V	✓	X	X
23	183G1T0023	YARRA HEMA LATHA	V	✓	X	X
24	183G1T0024	BIPIN SAH	V	✓	X	X
25	173G1T0019	ARKA GOSH	V	✓	X	X
26	173G1T0002	ANURAG KASHYAP	V	✓	X	X



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**ANALYSIS OF VARIOUS RISK FACTORS IN PATIENTS WITH DIABETIC
NEPHROPATHY AND OBSERVATION OF THEIR TREATMENT PATTERN**

Dissertation submitted to



**Jawaharlal Nehru Technological University,
KAKINADA.**

In the partial fulfilment of the award of the degree

DOCTOR OF PHARMACY

Submitted by,

B. CHANDANA DIVYA	(Reg.No.183GIT0005)
G. VINEESHA	(Reg.No.183GIT0009)
ARITRA PAL	(Reg.No.183GIT0002)
ASISH BHANJA	(Reg.No.183GIT0003)
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Under the guidance of,

Clinical guide

Dr. SANA PRAVEEN

MRCP (UK), CCT (Nephrology)

Senior consultant nephrologist

Trust multispecialty hospital, Kakinada.

Academic guide

P.RATNA KUMARI , M PHARM

Associate professor,



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Aditya Pharmacy College
SURAMPALEM-533 437



Analysis of various risk factors in patients with Diabetic nephropathy and observation of their treatment plan

Dissertation submitted to



**Jawaharlal Nehru Technological University,
KAKINADA.**

In the partial fulfilment of the award of the degree

DOCTOR OF PHARMACY

Submitted by,

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G. VINEESHA	(Reg.No.183G1T0009)
ARITRA PAL	(Reg.No.183G1T0002)
ASISH BHANJA	(Reg.No.183G1T0003)
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Under the guidance of,

Clinical guide

Dr. PRAVEEN SANA

MRCP (UK), CCT (Nephrology)

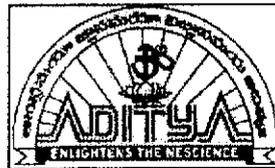
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2022-2023

Internal examiner

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External examiner



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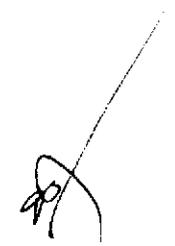
Principal

CERTIFICATE

This is to certify that the work embodied in this dissertation entitled "*Association of various risk factors in patients with Diabetic nephropathy and observation of their treatment plan*" submitted to "*Jawahar Lal Nehru Technological University*", Kakinada, in partial fulfilment to the requirement for the award of Degree of '*Doctor of Pharmacy*', is a bonafide work carried out by, **B.CHANDANA DIVYA** (Reg.No.183G1T0005), **G. VINEESHA**(183G1T0009), **ARITRA PAL**(183G1T0002), **ASISH BHANJA** (183G1T0002), **P. WILLIAMS** (Reg. No.183G1T0019), during the academic year 2022-2023, under the guidance and direct supervision of **RATNA KUMARI**, M PHARM, Assistant Professor, Department of Pharmacy Practice and Pharm. D., Aditya Pharmacy College, Surampalem.

Date: 16-5-2023

Place: Surampalem


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P. RATNA KUMARI, M PHARM

Associate Professor

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Date: 4-5-2023

Place: Surampalem


P. RATNA KUMARI, 2/5/23.

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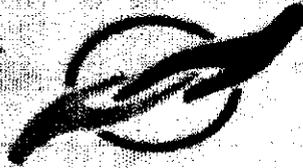
Date: 29-5-2023

Place: Surampalem


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SIGN OF THE EVALUATOR






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Dr. PRAVEEN SANA
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CERTIFICATE

This is to certify that the work embodied in this dissertation entitled "*Association of various risk factors in patients with Diabetic nephropathy and observation of their treatment plan*" submitted to 'Jawaharlal Nehru Technological University', Kakinada, in partial fulfilment to the requirement for the award of Degree of 'Doctor of Pharmacy', is a bonafide work carried out by, B. CHANDANA DIVYA(Reg.No.183G1T0005), G. ANEESHA(183G1T0009), ARITRA PAL (183G1T0002), ASISH BHANJA (183G1T0003), WILLIAMS (Reg. No.183G1T0019), during the academic year 2022-2023, under the guidance and direct supervision.

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DATE:

Place: Surampalem

DECLARATION

We, **B.CHANDANA DIVYA(183G1T0005)**, **G. VINEESHA(183G1T0009)**, **ARITRA PAL(183G1T0002)**, **ASISH BHANJA(183G1T0003)**, **P. WILLIAMS(183G1T0019)**, do hereby declare that the work embodied in this dissertation entitled "*Association of various risk factors in patients with Diabetic nephropathy and observation of their treatment plan*" submitted to '*Jawaharlal Nehru Technological University*', Kakinada, in partial fulfilment to the requirement for the award of Degree of '*Doctor of Pharmacy*', is a bonafide work carried out during the academic year 2021-2022, under the guidance and direct supervision of, Ratna Kumari, M PHARM, Associate Professor, Department of Pharmacy Practice and Pharm. D., Aditya Pharmacy College, Surampalem. We do further declare that this work is original and has not been submitted previously for award of any other degree or similar title. The information furnished in this dissertation is genuine to the best of our knowledge.

B.CHANDANA DIVYA(183G1T0005) *B. Chandana*

ARITRA PAL(183G1T0002) *Aritra Pal*

P.WILLIAMS (183G1T0019) *P. Williams*

G. VINEESHA(183G1T0009) *Vineesha*

ASISH BHANJA(183G1T0003) *Asish Bhanja*



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CONCLUSION

1. Hyperglycemia and hypertension are the main risk factors which is found in each and every patient of the whole case sample size where pre diabetes patient and having family history of diabetes also plays a major role in the diabetic nephropathy patient.
2. Most of the patients who are prone to diabetic nephropathy are aged between 40 – 70 years of age.
3. Coming to gender wise classification, males are having greater incidence than the female as mentioned above 80 % males are prone to diabetic nephropathy and 20 % female are having DN.
4. While coming to class of drugs where 97 % of the patients are prescribed with the oral hypoglycemic agents and calcium channel blockers with the 50 % patients who are having the hypertension.
5. While coming to Direct Renin Inhibitors 13 patients were prescribed . On our studies 18% patients are on DRIs .
6. 34 patients are prescribed with mineralocorticoid receptor antagonist for the treatment of diabetic nephropathy . Where 48% patients are on MRA s.
7. 100% of the patients were diagnosed with Hypertension which is a poor prognostic factor.



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**TO STUDY THE DEMOGRAPHIC PROFILES, ECG CHARACTERISTICS AND
ECHOFINDINGS OF CARDIAC IMPLANTABLE ELECTRONIC DEVICE (CIED)
PATIENTS**

Dissertation submitted to



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfilment of the award of the degree of

DOCTOR OF PHARMACY

Submitted by,

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P. NANDINI (Reg.No.183G1T0018)
P. JESSI (Reg.No.183G1T0020)
ANURAG RAJKONWAR (Reg. No. 173G1T0002)

Under the Guidance of

Clinical Guide

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**TO STUDY THE DEMOGRAPHIC PROFILES, ECG CHARACTERISTICS AND
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2022 - 2023

INTERNAL EXAMINER



EXTERNAL EXAMINER

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D. SATHISH KUMAR

*Pharm. D.,
Principal*

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This is to certify that the work embodied in this dissertation entitled "*To study the demographic profiles, ecg characteristics and echofindings of Cardiac Implantable Electronic Device (CIED) patients*", submitted to "*Jawaharlal Nehru Technological University*", Kakinada, in partial fulfilment to the requirement for the award of Degree of 'Doctor of Pharmacy', is a bonafide work carried out by, ALEENA ROY (Reg.No.183G1T0001), KASTURI DE (Reg. No. 183G1T0014),

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This is to certify that the work embodied in this dissertation entitled "*To study the demographic profiles, eeg characteristics and echofindings of Cardiac Implantable Electronic Device (CIED) patients*", submitted to "*Jawaharlal Nehru Technological University*", Kakinada, in partial fulfilment to the requirement for the award of Degree of 'Doctor of Pharmacy', is a bonafide work carried out by,

ALEENA ROY (Reg.No.183G1T0001), KASTURI DE (Reg. No. 183G1T0014),

,P.NANDINI(Reg.No.183G1T0018),P.JESSI(Reg.No.183G1T0020),

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Aditya Nagar, Adity Road, Surampalem, U.T. Orissa, India - 751 037

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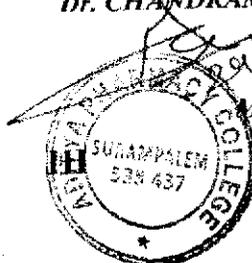
e-mail: drmouli58@gmail.com

SIGNATURE OF EVALUATOR

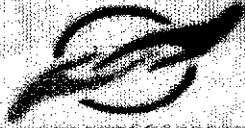
Date: 15/2/23

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MD., DM., IDCC., PDF(EP)



TRUST HOSPITAL

Absolute Health Care

CERTIFICATE

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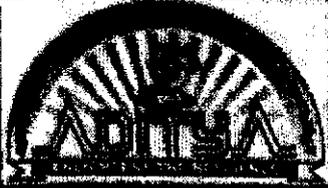
Date: 4/5/23

Place: Kakinada.

Clinical Guide

IV





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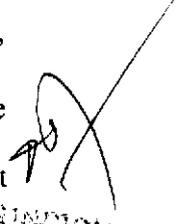
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Place: Surampalem

DECLARATION

We, Aleena Roy, Kasturide, P. Nandini, P. Jessi, Anurag, do hereby declare that the work embodied in this dissertation entitled "*To study the demographic profiles, ecg characteristics and echo findings of Cardiac Implantable Electronic Device (CIED) patients.*", submitted to "*Jawaharlal Nehru Technological University*", Kakinada, in partial fulfilment to the requirement for the award of Degree of 'Doctor of Pharmacy', is a bonafide work carried out during the academic year 2022-2023, under the guidance and direct supervision of P. Ratna Kumari, M. pharm Associate Professor, Department of Pharmacy Practice., Aditya Pharmacy College, Surampalem.

We do further declare that this work is original and has not been submitted previously for award of any other degree or similar title. The information furnished in this dissertation is genuine to the best of our knowledge.


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Chapter 5

CONCLUSION

Advances in pacemaker have led to their widespread use to treat patients with bradycardias and congestive heart failure. A basic understanding of their function troubleshooting and management at the time of surgery or imaging enhances patient care.

Complication and incidence in modern pacing therapy is still substantial. Most complications occur after pacemaker implantation. Although various patient and procedure related characteristics are independent predictors for every late complications. Their ability to identify predictors for early and late complications, their ability to identify the patient at high risk is rather poor. This relatively high incidence of pacemaker complications and their poor prediction underscores the confusion of current guidelines for regular followup of patients with pacemaker.

From the demographic study, one can conclude that more number of males underwent CIED implantation than females. Males and females underwent pacemaker implantation at similar age the use of dual chamber pacemaker was higher than single chamber . Degenerative complete heart block was the major cause for pacemaker implantation followed by sick sinus syndrome . A significant volume of patients received financial aids from various health schemes by central and state government.



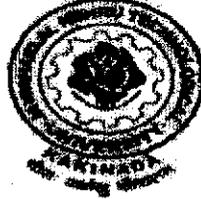
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**CLINICAL PHARMACOEPIDEMIOLOGY STUDY OF
ANTIHYPERTENSIVE AND ANTDIABETEIC DRUGS IN
DIABETES –HYPERTENSIVE OUTPATIENTS**

Dissertation submitted to



Jawaharlal Nehru Technological University, Kakinada.

*In partial fulfilment of the award of the degree of
DOCTOR OF PHARMACY*

Submitted by

CH.LAKSHMI RENUKA

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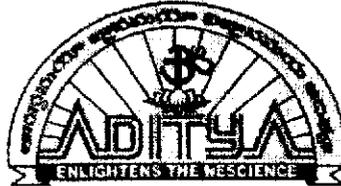
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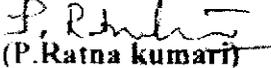


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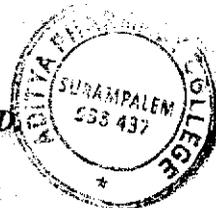
CHAPTER 5**CONCLUSION**

In this prospective observational study, diabetes and hypertension were most observed in the age group of 51-60 years and followed by age group 61-70 years. The males are prone to develop hypertension and diabetes when compared to females due to various socio-economic factors and disease condition.

Antidiabetic and anti-hypertensive class drugs that are most used in outpatients' hypertensive diabetic patients in trust hospital are betablockers (25.30%), diuretics (18.50%), ARB'S (16.40%), biguanides (11.62%), DPP4inhibitors (13.17%), SGLT2inhibitors. Mostly in diabetic hypertensive patients' combination therapy is prescribed. The combination therapy was prescribed in diabetic hypertension patients, antihypertensive drugs were given in 33.02% and anti-diabetic drugs were given in 58.10%.

Thus, there is a relationship between anti-diabetic and anti-hypertensive therapy with clinical outcomes of normal blood pressure, but there is no correlation with the blood sugar levels in diabetic hypertensive outpatients.

Dept. of Pharmacy Practice and Pharm.D.



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**ANALYSIS OF SYMPTOMS & SURGICAL PROCEDURES AND RISK FACTORS
RELATION IN ACUTE CORONARY SYNDROME AFFECTED INPATIENTS**

Dissertation submitted to



**Jawaharlal Nehru Technological University,
KAKINADA.**

In the partial fulfilment of the award of the degree

DOCTOR OF PHARMACY

Submitted by,

KUMAR SANU (Reg.No.183G1T0015)
R S N VINAY (Reg.No.183G1T0021)
SUMAN SASMAL (Reg.No.183G1T0022)

Under the guidance of,

Clinical guide

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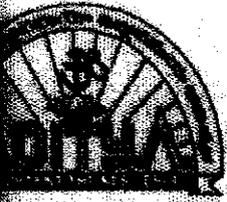
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Internal examiner



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(Dr. D. Satish Kumar)

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Place: Surampalem



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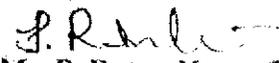
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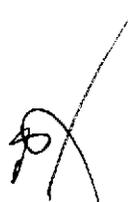
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II




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Place: Surampalem

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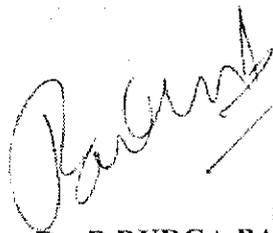
Dr. B DURGA PAVAN KUMAR
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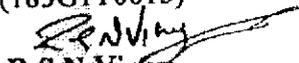
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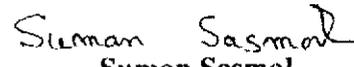
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Chapter 5

CONCLUSION

The occurrence and effect of risk factors differ by type of ACS. Type-II DM & hypertension are the major risk factors for ACS. Patients with hypertension & smoking is more likely to develop NSTEMI where patient with type-II DM & alcohol abuse is more likely to develop STEMI. Chest pain, SOB, palpitations are the major risk factors. Surgical procedures like PTCA & CAG were done in 41.25% & 46.25% of patients respectively. More studies are required to understand epidemiology, presentation and risk factors of ACS particularly in regional levels as they can differ from one region to the other. This understanding would help to implement preventive measures including lifestyle modification and drug treatment optimizing risk factors.



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**ASSESSMENT OF PHARMACOLOGICAL
TREATMENT IN PATIENTS WITH ACUTE PANCREATITIS**

Dissertation submitted to



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In partial fulfillment of the award of the degree of

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Submitted by

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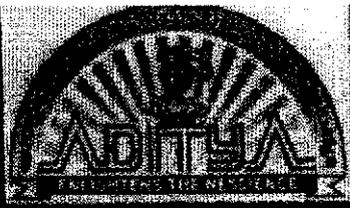
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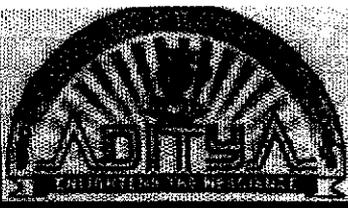
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This is to certify that the work embodied in this dissertation entitled "*Assessment of pharmacological treatment in patients with acute pancreatitis*", submitted to "*Jawaharlal Nehru Technological University*", Kakinada, in partial fulfillment to the requirement for the award of Degree of '*Doctor of Pharmacy*', is a bonafide work carried out by, *Arka Ghosh* (173G1T0019), *B. Marwein* (183G1T0004), *G. Navya Manasa* (183G1T0010), *D. Sirisha* (183G1T0007), during the academic year 2022-2023, under my guidance and direct supervision.

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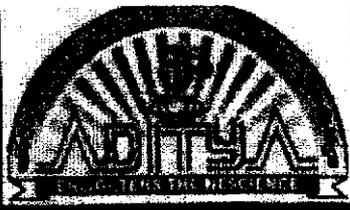
Date: 4-5-2023

Place: Kakinada.

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Date:

Place: Surampalem

DECLARATION

We, **Arka Ghosh, B. Marwein, G. Navya Manasa, D. Sirisha**, do hereby declare that the work embodied in this dissertation entitled "*Assessment of pharmacological treatment in patients with acute pancreatitis*", submitted to "*Jawaharlal Nehru Technological University*", Kakinada, in partial fulfillment to the requirement for the award of Degree of '*Doctor of Pharmacy*', is a bonafide work carried out during the academic year 2022-2023, under the guidance and direct supervision of **Ms P. Ratna Kumari**, Associate Professor, Department of Pharmacy Practice and M. Pharm, Aditya Pharmacy College, Surampalem.

We do further declare that this work is original and has not been submitted previously for award of any other degree or similar title. The information furnished in this dissertation is genuine to the best of our knowledge.

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CONCLUSION

- Our study emphasized role of standard supportive, intensive care with monitoring in patients with pancreatitis.
- Improvement of SIRS at 48 hours after admission with fluid resuscitation is good prognostic marker.
- Most of our patients recovered with early moderate fluid resuscitation.
- Study concluded that injection Tramadol is first choice analgesic and injection fentanyl for refractory pain.
- Judicious use of antibiotics is also highlight of this study (only 30% required antibiotics)
- Early enteral nutrition in all patients prevented them from developing major local complications.
- Even though the sample size is small, our study emphasized the role of standard case in pancreatitis.



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**STUDY OF ANALGESIA AND ROLE OF ANTIBIOTICS IN POST
OPERATIVE ABDOMINAL SURGERY AND ITS EFFECTIVENESS IN
TERTIARY CARE HOSPITAL**

Dissertation submitted to



Jawaharlal Nehru Technological University, Kakinada.

In partial fulfilment of the award of the degree of

DOCTOR OF PHARMACY

Submitted by,

GARAGA BHARGAVI	(Reg. no. 183G1T0008)
GOGULAMANDA RUPA LAVANYA	(Reg. no. 183G1T0011)
KANDAVALLI HARITHA	(Reg. no. 183G1T0012)
NALLI MINISHA	(Reg. no. 183G1T0016)
YARRA HEMALATHA	(Reg. no. 183G1T0023)

Under the Guidance of

Clinical Guide

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2022 - 2023

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DECLARATION

We, *Garaga Bhargavi, Gogulamanda Rupa Lavanya, Kandavalli Haritha, Nalli Minisha, Yarra Hemalatha*, do hereby declare that the work embodied in this dissertation entitled, "*Study of analgesia and role of antibiotics in post operative abdominal surgery and its effectiveness in tertiary care hospital*", submitted to "*Jawaharlal Nehru Technological University*", Kakinada, in partial fulfilment to the requirement for the award of Degree of 'Doctor of Pharmacy', is a bonafide work carried out during the academic year 2022-2023, under the guidance and direct supervision of *P. Ratna Kumari*, Assistant Professor, Department of Pharmacy Practice and Pharm. D., Aditya Pharmacy College, Surampalem.

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Chapter 5

CONCLUSION

- This study was conducted to understand, the patients who were undergone abdominal laparoscopic surgery of Open Inguinal Hernia and Cholelithiasis, mostly in hernia males are affected and cholelithiasis females are affected.
- Mostly in the age group of 50-70 years old patients are having this problem.
- According to ASA grade, the patients who are having co morbid conditions like DM & HTN (ASA2) are recorded and most of the patients are in normal conditions (ASA1).
- Spinal anaesthesia is preferred in most of the cases, which is given as subarachnoid block (0.5% bupivacaine 4ml heavy) and general anaesthesia were given with pre-medication of antibiotics (Injection. CEFOPERAZONE AND SULBACTAM) anaesthesia (Injection. FENTANYL CITRATE), and other muscle relaxants (MIDAZOLAM, VECORONIUM BROMIDE, THIOPENTANE SODIUM, SUCCINYLMCHOLINE CHLORIDE).
- Based on pain score (UPAT) most of the pain is moderate (3to 6) after an abdominal surgery.
- In hernia, mostly inguinal and umbilical hernia, as it is considered as minor abdominal surgery, single antibiotic was given as prophylaxis. In cholelithiasis combinational therapy is given.



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4	173G1T0005	GUDALA PREETHI SHARON	X	✓	X
5	173G1T0006	OGBODO CHIELOKA OBE'IA	X	✓	X
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12	173G1T0014	PILLA LALITHA SAI CHANDANA	X	✓	X
13	173G1T0015	SRUJANA PABBINEEDI	X	✓	X
14	173G1T0016	SUJITA KASHYAP	X	✓	X
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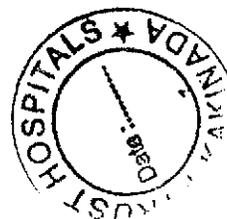


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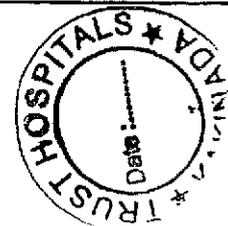
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Aditya Nagar, ADB Road, Surampalem - 533 437



Date: 01/08/2023

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. NALLAPARAJU LALITHA SANJANA, Reg. No. 173G1T0011 of ADITYA PHARMACY COLLEGE, Surampalem, Andhra Pradesh, has successfully completed the Internship at Trust Hospital, Kakinada, in the following units/departments as prescribed under Regulation 16 and Appendix C of Pharm.D Regulations 2008 of PCI.

DEPARTMENT	DATE		TOTAL DURATION
	FROM	TO	
Obstetrics & Gynecology	01.08.2022	30.09.2022	2 Months
Orthopedics	01.10.2022	30.11.2022	2 Months
General Surgery	01.12.2022	31.01.2023	2 Months
General Medicine	01.02.2023	31.07.2023	6 Months



[Signature]

PRINCIPAL
Aditya Pharmacy College
SURAMPALEM-533 437

[Signature]
Medical Superintendent
Trust Hospital



[Signature]
Medical Superintendent
TRUST HOSPITAL
KAKINADA

[Signature]
P. Ratna
Preceptor

Department of Pharmacy Practices
Aditya Pharmacy College
SURAMPALEM-533 437

[Signature]
Head of the Institution
Aditya Pharmacy College
SURAMPALEM-533 437

Seal of the Institution





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Date: 01/08/2023

CERTIFICATE OF INTERNSHIP

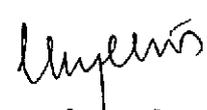
This is to certify that Ms. NARAPUREDDI AMRUTHA, Reg. No. 173G1T0012 of ADITYA PHARMACY COLLEGE, Surampalem, Andhra Pradesh, has successfully completed the Internship at Trust Hospital, Kakinada, in the following units/departments as prescribed under Regulation 16 and Appendix C of Pharm.D Regulations 2008 of PCI.

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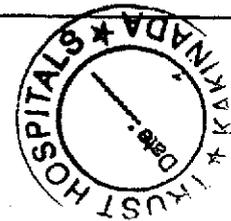



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Medical Superintendent
Trust Hospital

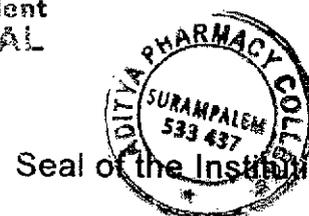
Kakinada
Medical Superintendent
TRUST HOSPITAL
KAKINADA




Preceptor


Head of the Institution
PRINCIPAL

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Date: 01/08/2023

CERTIFICATE OF INTERNSHIP

This is to certify that Ms.PALLETI DIVYA , Reg. No. 173G1T0013 of ADITYA PHARMACY COLLEGE, Surampalem, Andhra Pradesh, has successfully completed the Internship at Trust Hospital, Kakinada, in the following units/departments as prescribed under Regulation 16 and Appendix C of Pharm.D Regulations 2008 of PCI.

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General Medicine	01.02.2023	31.07.2023	6 Months



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Trust Hospital

Kakinada
Medical Superintendent
TRUST HOSPITAL
KAKINADA



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Preceptor

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Head of the Institution

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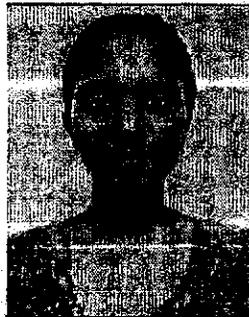


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CERTIFICATE OF INTERNSHIP

This is to certify that Ms. PILLA LALITHA SAI CHANDANA, Reg. No. 173G1T0014 of ADITYA PHARMACY COLLEGE, Surampalem, Andhra Pradesh, has successfully completed the Internship at Trust Hospital, Kakinada, in the following units/departments as prescribed under Regulation 16 and Appendix C of Pharm.D Regulations 2008 of PCI.

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General Surgery	01.12.2022	31.01.2023	2 Months
General Medicine	01.02.2023	31.07.2023	6 Months



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[Signature]
Medical Superintendent
Trust Hospital

Kakinada
Medical Superintendent
TRUST HOSPITAL
KAKINADA



[Signature]
Preceptor

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Aditya Pharmacy College
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CERTIFICATE OF INTERNSHIP

This is to certify that Ms. SRUJANA PABBINEEDI, Reg. No. 173G1T0015 of ADITYA PHARMACY COLLEGE, Surampalem, Andhra Pradesh, has successfully completed the Internship at Trust Hospital, Kakinada, in the following units/departments as prescribed under Regulation 16 and Appendix C of Pharm.D Regulations 2008 of PCI.

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General Medicine	01.02.2023	31.07.2023	6 Months



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Trust Hospital
Kakinada

[Signature]
Medical Superintendent
TRUST HOSPITAL
KAKINADA



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Date: 01/08/2023

CERTIFICATE OF INTERNSHIP

This is to certify that Ms.SUJITA KASHYAP , Reg. No. 173G1T0016 of ADITYA PHARMACY COLLEGE, Surampalem, Andhra Pradesh, has successfully completed the Internship at Trust Hospital, Kakinada, in the following units/departments as prescribed under Regulation 16 and Appendix C of Pharm.D Regulations 2008 of PCI.

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P. Ramesh
Preceptor
Department of Pharmacy Practice
Aditya Pharmacy College
SURAMPALEM-533 437

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Kakinada
Medical Superintendent
TRUST HOSPITAL
KAKINADA

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Date: 01/08/2023

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. **TENZIN CHOMU**, Reg. No. **173G1T0018** of **ADITYA PHARMACY COLLEGE**, Surampalem, Andhra Pradesh, has successfully completed the Internship at **Trust Hospital, Kakinada**, in the following units/departments as prescribed under Regulation 16 and Appendix C of Pharm.D Regulations 2008 of PCI.

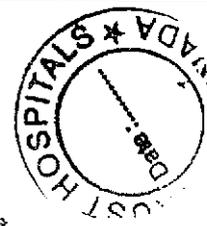
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[Signature]
P. Raghavi
 Preceptor

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Medical Superintendent
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Date: 01/08/2023

CERTIFICATE OF INTERNSHIP

This is to certify that Ms. ERELLA SOUMYA SREE, Reg. No. 173H1T0006 of ADITYA PHARMACY COLLEGE, Surampalem, Andhra Pradesh, has successfully completed the Internship at Trust Hospital, Kakinada, in the following units/departments as prescribed under Regulation 16 and Appendix C of Pharm.D Regulations 2008 of PCI.

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[Signature]
Preceptor

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